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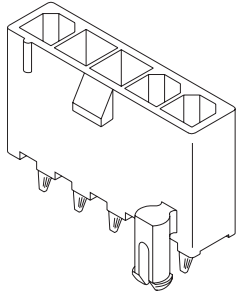
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Jameco Part Number 1968777

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566 Vertical, Single Row With Pegs



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage
- Peg-mounted vertical headers for increased board retention
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information

Packaging: Tube or bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 single row receptacle
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

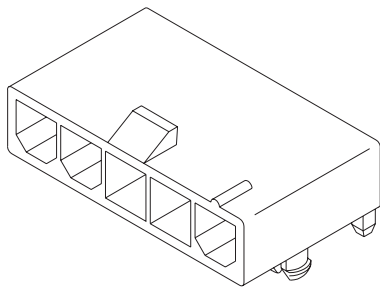
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass or Phosphor Bronze
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-5039	39-30-6030	39-30-2037	39-30-2038	Yes
4	39-30-5049	50-30-4466	39-30-2047	39-30-2048	
5		50-30-4467		39-30-2058	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569 Right Angle, Single Row With Pegs



Features and Benefits

- Pegs provide increased board retention
- Ideal for low profile power applications
- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray or bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 5557 single row receptacle
 TUV License No.: R75142
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

Physical

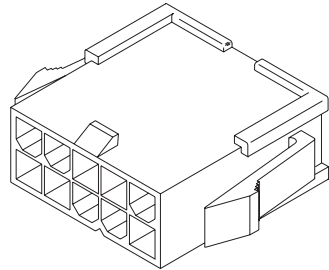
Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-7031	39-30-7032	39-30-4031	39-30-4032	Yes
4	39-30-7041	39-30-7042	50-30-4438	50-30-4441	
5	39-30-7051	39-30-7052	50-30-4439	50-30-4442	

4.20mm (.165") Pitch Mini-Fit Jr.™ Plug

5559

**Dual Row
With and without Panel Mount Ears**



Features and Benefits

- Wire-to-wire plug for panel-mounted or free-hanging applications
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacle
 Use With: 5558, 30490, 46134 or 46012 terminals
 Panel Thickness: .079 to 2.00mm (.031 to 0.80")
 Designed In: Millimeters

Mechanical

Contact Insertion Force: 1.5kg max.
 Contact Retention to Housing: 3.0kg min.

Physical

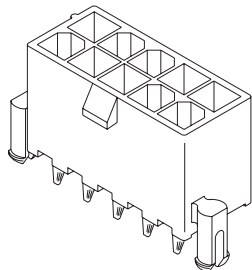
Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Operating Temperature: -40 to +105°C

Circuits	Order No.			
	Panel Mount		Free Hanging	
	94V-2	94V-0	94V-2	94V-0
2	39-01-2021	39-01-2026	39-01-3023	39-01-3029
4	39-01-2041	39-01-2046	39-01-3043	39-01-3049
6	39-01-2061	39-01-2066	39-01-3063	39-01-3069
8	39-01-2081	39-01-2086	39-01-3083	39-01-3089
10	39-01-2101	39-01-2106	39-01-3103	39-01-3109
12	39-01-2121	39-01-2126	39-01-3123	39-01-3129
14	39-01-2141	39-01-2146	39-01-3143	39-01-3149
16	39-01-2161	39-01-2166	39-01-3163	39-01-3169
18	39-01-2181		39-01-3183	
20	39-01-2201			
22	39-01-2221			
24	39-01-2241	39-01-2246		

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566

**Vertical, Dual Row
With Pegs, with Drain Holes**



Features and Benefits

- Board-mounting pegs provide polarization during placement on the PCB and increased retention during soldering process
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information

Packaging: Tray or tube
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacles
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

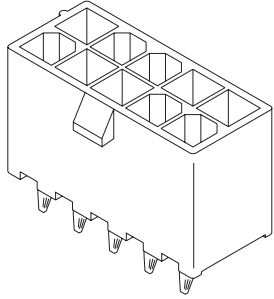
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-6027	39-30-6028	39-29-9024	39-28-9028	Yes
4	39-30-6047	39-30-6048	39-29-9044	39-28-9048	
6	39-30-6067	39-30-6068	39-29-9064	39-28-9068	
8	39-30-6087	39-30-6088	39-29-9084	39-28-9088	
10	39-30-6107	39-30-6108	39-29-9104	39-28-9108	
12	39-30-6127	39-30-6128	39-29-9124	39-28-9128	
14	39-30-6147	39-30-6148	39-29-9144	39-28-9148	
16	39-30-6167	39-30-6168	39-29-9164	39-28-9168	
18	39-30-6187	39-30-6188	39-29-9184	39-28-9188	
20	39-30-6207	39-30-6208	39-29-9204	39-28-9208	
22	39-30-6227	39-30-6228	39-29-9224		
24	39-30-6247	39-30-6248	39-29-9244	39-28-9248	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566 Vertical, Dual Row Without Pegs, without Drain Holes



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain hole option available, contact Molex

Reference Information

Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacles
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

Physical

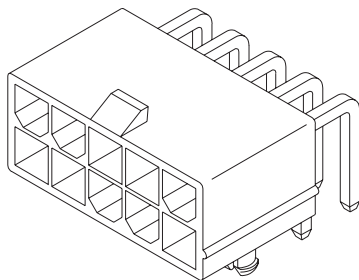
Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass or Phosphor Bronze
 Plating: Tin
 Underplating: Copper
 Operating Temperature: -40 to +105°C

Circuits	Order No.		Lead-free
	94V-2	94V-0	
2	39-28-1023	39-28-8020	Yes
4	39-28-1043	39-28-8040	
6	39-28-1063	39-28-8060	
8	39-28-1083	39-28-8080	
10	39-28-1103	39-28-8100	
12	39-28-1123	39-28-8120	

Circuits	Order No.		Lead-free
	94V-2	94V-0	
14	39-28-1143	39-28-8140	Yes
16	39-28-1163	39-28-8160	
18	39-28-1183	39-28-8180	
20	39-28-1203	39-28-8200	
22	39-28-1223	39-28-8220	
24	39-28-1243	39-28-8240	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569 Right Angle, Dual Row with Pegs



Features and Benefits

- Board mounting pegs provide polarization during placement on PCB and increased board retention during solder processing
- Low profile for space constraints
- Positive housing locks
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacles
 PCB Thickness: 1.60mm (.062")
 Process: Wave Solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-7025	39-30-7026	39-30-0023	39-30-0024	Yes
4	39-30-7045	39-30-7046	39-30-0043	39-30-0044	
6	39-30-7065	39-30-7066	39-30-0063	39-30-0064	
8	39-30-7085	39-30-7086	39-30-0083	39-30-0084	
10	39-30-7105	39-30-7106	39-30-0103	39-30-0104	
12	39-30-7125	39-30-7126	39-30-0123	39-30-0124	
14	39-30-7145	39-30-7146	39-30-0143	39-30-0144	
16	39-30-7165	39-30-7166	39-30-0163	39-30-0164	
18	39-30-7185		39-30-0183		
20	39-30-7205	39-30-7206	39-30-0203	39-30-0204	
22	39-30-7225				
24	39-30-7245	39-30-7246	39-30-0243	39-30-0244	



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

【1. 適用範囲 SCOPE】

本仕様書は、_____ 殿 に納入する

NEW MINI FIT CONNECTOR について規定する。

This specification covers the NEW MINI FIT CONNECTOR series

【2. 製品名称及び型番 PRODUCT NAME AND PART NUMBER】

製品名称 Product Name	製品型番 Part Number
リセターミナル (AWG#18~#28) REC. Terminal (AWG#18~#28)	5556 T(L)、T2(L)
プラグターミナル (AWG#18~#28) PLUG Terminal (AWG#18~#28)	5558 T(L)、T2(L)
リセハウジング (UL 94V-2) REC. Housing (UL 94V-2)	5557-NR
リセハウジング (UL 94V-0) REC. Housing (UL 94V-0)	5557-NR-210
プラグハウジング (UL 94V-2) PLUG Housing (UL 94V-2)	5559-NP
プラグハウジング (UL 94V-0) PLUG Housing (UL 94V-0)	5559-NP-210
ヘッダー アッセンブリ (UL 94V-2) Header Assembly (UL 94V-2)	5566-NA-*、NB-*
ヘッダー アッセンブリ (UL 94V-0) Header Assembly (UL 94V-0)	5566-NA-210-*、NB-210-*

N : 図面参照 Refer to the drawing.

REV.	J																			
SHEET	1~9																			
REVISE ON PC ONLY										TITLE:										
J 変更 REVISED J2007-2856 '07/04/19 Y.AOYAGI										NEW MINI FIT CONN. -LEAD FREE- 製品仕様書										
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DESIGN CONTROL J					STATUS					WRITTEN BY: N.AIDA	CHECKED BY: K.TOYODA	APPROVED BY: N.UKITA	DATE: YR/MO/DAY 2005/03/29							
DOCUMENT NUMBER PS-5557-015															FILE NAME PS5557015.doc	SHEET 1 OF 9				
EN-37-1(019)																				



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

【3. 定格及び適用電線 RATINGS AND APPLICABLE WIRES】

項目 Item	規格 Standard				
最大許容電圧 Rated Voltage (MAX.)	600 V				
最大許容電流 及び適用電線 Rated Current (MAX.) and Applicable wires	極数	2	4,6	8,10	12-24
	AWG. #18	9.0 A	8.0 A	7.0 A	6.0 A
	AWG. #20	7.0 A	6.0 A	5.0 A	5.0 A
	AWG. #22	5.0 A	4.0 A	4.0 A	4.0 A
	AWG. #24	4.0 A	3.0 A	3.0 A	3.0 A
	AWG. #26	3.0 A	2.0 A	2.0 A	2.0 A
	AWG. #28	2.0 A	1.0 A	1.0 A	1.0 A
使用温度範囲 Ambient Temperature Range	-40°C ~ +105°C ^{*1}				

*1: 通電による温度上昇分も含む。
Including terminal temperature rise.

【4. 性能 PERFORMANCE】

4-1. 電気的性能 Electrical Performance

項目 Item	条件 Test Condition	規格 Requirement
4-1-1 接触抵抗 Contact Resistance	コネクタを嵌合させ、開放電圧 20mV 以下、短絡電流 10mA にて測定する。 (JIS C5402 5.4) Mate connectors, measure by dry circuit, 20mV MAX., 10mA. (JIS C5402 5.4)	10 milliohm MAX.
4-1-2 絶縁抵抗 Insulation Resistance	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、DC 500V を印加し測定する。 (JIS C5402 5.2/MIL-STD-202 試験法 302) Mate connectors, apply 500V DC between adjacent terminal or ground. (JIS C5402 5.2/MIL-STD-202 Method 302)	1000 Megohm MIN.

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NEW MINI FIT CONN.
-LEAD FREE-

製品仕様書

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DESCRIPTION

DOCUMENT NUMBER

PS-5557-015

FILE NAME

PS5557015.doc

SHEET

2 OF 9

EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

項目 Item	条件 Test Condition	規格 Requirement
4-1-3 耐電圧 Dielectric Strength	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC 1500V（実効値）を1分間 印加する。 (JIS C5402 5.1/MIL-STD-202 試験法 301) Mate connectors, apply 1500V AC(rms) between for 1 minute between adjacent terminal or ground. (JIS C5402 5.1/MIL-STD-202 Method 301)	異常なきこと No Breakdown
4-1-4 圧着部接触抵抗 Contact Resistance on Crimped Portion	ターミナルに適合電線を圧着し、開放電圧 20mV 以下、短絡電流 10mA にて測定する。 Crimp the applicable wire on to the terminal, measure by dry circuit, 20mV MAX., 10mA.	5 milliohm MAX.

4-2. 機械的性能 Mechanical Performance

項目 Item	条件 Test Condition	規格 Requirement
4-2-1 挿入力 及び抜去力 Insertion and Withdrawal Force	毎分 25±3mm の速さで挿入、抜去を行う。 Insert and withdraw connectors at the speed rate of 25±3mm/minute.	第6項参照 Refer to paragraph 6
4-2-2 圧着部 引張り強度 Crimping Pull Out Force	圧着されたターミナルを治具に固定し、電線を軸方向に 毎分 25±3mm の速さで引張る。 (JIS C5402 6.8) Fix the crimped terminal and apply axial pull out force on the wire at the speed rate of 25±3mm/minute. (JIS C5402 6.8)	AWG. #18 88.2 N {9.0kgf} MIN.
		AWG. #20 58.8 N {6.0kgf} MIN.
		AWG. #22 39.2 N {4.0kgf} MIN.
		AWG. #24 29.4 N {3.0kgf} MIN.
		AWG. #26 19.6 N {2.0kgf} MIN.
		AWG. #28 9.8 N {1.0kgf} MIN.
4-2-3 ターミナル 挿入力 Terminal Insertion Force	圧着されたターミナルをハウジングに挿入する。 Insert the crimped terminal into the housing.	14.7 N {1.5kgf} MAX.

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NEW MINI FIT CONN.
-LEAD FREE-

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PS-5557-015

FILE NAME

PS5557015.doc

SHEET

3 OF 9

EN-37-1(019)



PRODUCT SPECIFICATION



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項目 Item	条件 Test Condition	規格 Requirement
4-2-4 ターミナル 保持力 Terminal/ Housing Retention Force	圧着されたターミナルをハウジングに装着し、電線を軸方向に 毎分 25±3mm の速さで引張る。 Apply axial pull out force at the speed rate of 25±3mm / minute on the terminal assembled in the housing.	29.4 N {3.0kgf} MIN.
4-2-5 ピン保持力 Pin Retention Force	毎分 25±3mm の速さでピンを軸方向に押す。 Apply axial push force at the speed rate of 25±3mm / minute.	9.8 N {1.0kgf} MIN.

4-3. その他 Environmental Performance and Others

項目 Item	条件 Test Condition	規格 Requirement
4-3-1 繰り返し挿抜 Repeated Insertion / Withdrawal	1分間 10回以下 の速さで挿入、抜去を 30回繰り返す。 When mated up to 30 cycles repeatedly by the rate of less than 10 cycles per minute.	接触抵抗 Contact Resistance 20 milliohm MAX.
4-3-2 温度上昇 Temperature Rise	コネクタを嵌合させ、最大許容電流を通電し、コネクタの温度上昇分を測定する。(UL 498) Carrying rated current load. (UL 498)	温度上昇 Temperature Rise 30°C MAX.
4-3-3 耐振動性 Vibration	DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な 3方向 に 掃引割合 10~55~10Hz/分、全振幅 1.5mm の振動を 各2時間 加える。 (MIL-STD-202 試験法 201) Amplitude: 1.5 mm P-P Sweep time: 10-55-10 Hz in 1 minute Duration: 2 hours in each X.Y.Z axes (MIL STD-202 Method 201)	外 観 Appearance 異状なきこと No Damage
		接触抵抗 Contact Resistance 20 milliohm MAX.
		瞬 断 Discontinuity 1.0 microsecond MAX.

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SEE SHEET 1 OF 9

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SHEET

4 OF 9

EN-37-1(019)



PRODUCT SPECIFICATION



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項目 Item		条件 Test Condition	規格 Requirement	
4-3-4	耐衝撃性 Shock	DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な 6方向 に、490 m/s ² {50G} の衝撃を 各3回 加える。 (JIS C60068-2-27/MIL-STD-202 試験法 213) 490 m/s ² {50 G}, 3 strokes in each X,Y,Z axes. (JIS C60068-2-27/MIL-STD-202 Method 213)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			瞬 断 Discontinuity	1.0 microsecond MAX.
4-3-5	耐熱性 Heat Resistance	コネクタを嵌合させ、105±2°C の雰囲気中に 96時間 放置後取り出し、1~2時間 室温に放置する。 (JIS C60068-2-2/MIL-STD-202 試験法 108) 105±2°C, 96 hours (JIS C60068-2-2/MIL-STD-202 Method 108)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-6	耐寒性 Cold Resistance	コネクタを嵌合させ、-40±3°C の雰囲気中に 96時間 放置後取り出し、1~2時間 室温に放置する。 (JIS C60068-2-1) -40±3°C, 96 hours (JIS C60068-2-1)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-7	耐湿性 Humidity	コネクタを嵌合させ、60±2°C、相対湿度 90~95% の雰囲気中に 96時間 放置後取り出し、1~2時間 室温に放置する。 (JIS C60068-2-3/MIL-STD-202 試験法103) Temperature : 60±2°C Relative Humidity: 90 to 95% Duration : 96 hours (JIS C60068-2-3/MIL-STD-202 Method 103)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			耐電圧 Dielectric Strength	4-1-3項満足こと Must meet 4-1-3
			絶縁抵抗 Insulation Resistance	100 Megohm MIN.

REVISE ON PC ONLY

J

SEE SHEET 1 OF 9

TITLE:

NEW MINI FIT CONN.
-LEAD FREE-

製品仕様書

REV.

DESCRIPTION

THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DOCUMENT NUMBER

PS-5557-015

FILE NAME

PS5557015.doc

SHEET

5 OF 9

EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

項目 Item		条件 Test Condition	規格 Requirement	
4-3-8	温度サイクル Temperature Cycling	コネクタを嵌合させ、-55°C に 30分、+105°C に 30分、これを 1サイクル とし、5サイクル 繰り返す。但し、温度移行時間は、5分以内 とする。試験後 1~2時間 室温に放置する。 (JIS C0025) 5 cycles of : a) -55°C 30 minutes b) +105°C 30 minutes (JIS C0025)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-9	塩水噴霧 Salt Spray	コネクタを嵌合させ、35±2°C にて、重量比 5±1% の塩水を 48±4時間 噴霧し、試験後 常温で水洗いした後、室温で乾燥させる。 (JIS C5028/MIL-STD-202 試験法 101) 48±4 hours exposure to a salt spray from the 5±1% solution at 35±2°C. (JIS C5028/MIL-STD-202 Method 101)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-10	亜硫酸ガス SO ₂ Gas	コネクタを嵌合させ、40±2°C にて50±5ppm の亜硫酸ガス中に 24時間 放置する。 24 hours exposure to 50±5ppm. SO ₂ gas at 40±2°C.	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-11	半田付け性 Solder Ability	ターミナルまたはピンをフラックスに浸し、本体の取付け基準面より 1.2mm 迄、245±3°C の半田に 3±0.5秒 浸す。 Solder Time : 3±0.5 seconds Solder Temperature : 245±3°C	濡れ性 Solder Wetting	浸漬面積の 75%以上 75% of immersed area must show no voids, pin holes.

REVISE ON PC ONLY

J

SEE SHEET 1 OF 9

TITLE:

NEW MINI FIT CONN.
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FILE NAME

PS5557015.doc

SHEET

6 OF 9

EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-12	半田耐熱性 Resistance to Soldering Heat	ターミナルまたはピンを本体の取付け基準面より 1.2mm迄、260±5℃ の半田に 最大5秒 浸す。 Solder Time : 5 seconds MAX . Solder Temperature : 260±5℃	外 観 Appearance	端子ガタ割れ等 異状なきこと No Damage
		(手半田時) ターミナルまたはピンを本体の取付け基準面より 1.2mm迄、370~400℃ の半田に 最大5秒 浸す。 (Soldering iron method) Soldering Time : 5 seconds MAX. Solder Temperature: 370~400℃		

() : 参考規格 Reference Standard

【5. 外観形状、寸法及び材質 PRODUCT SHAPE, DIMENSIONS AND MATERIALS】

図面参照 Refer to the drawing.

REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE- 製品仕様書
J	SEE SHEET 1 OF 9	
REV.	DESCRIPTION	THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
DOCUMENT NUMBER PS-5557-015		FILE NAME PS5557015.doc
		SHEET 7 OF 9



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

【6. 挿入力及び抜去力 INSERTION / WITHDRAWAL FORCE】

極数 No. of CKT.	単位 Unit	挿入力 (最大値) Insertion Force (MAX.)			抜去力 (最小値) Withdrawal Force (MIN.)		
		初回 1st	6回目 6th	30回目 30th	初回 1st	6回目 6th	30回目 30th
2	N {kgf}	13.8 {1.4}	12.8 {1.3}	12.8 {1.3}	0.98 {0.10}	0.78 {0.08}	0.78 {0.08}
4	N {kgf}	27.5 {2.8}	25.5 {2.6}	25.5 {2.6}	1.96 {0.20}	1.56 {0.16}	1.56 {0.16}
6	N {kgf}	41.2 {4.2}	38.3 {3.9}	38.3 {3.9}	2.94 {0.30}	2.35 {0.24}	2.35 {0.24}
8	N {kgf}	54.9 {5.6}	51.0 {5.2}	51.0 {5.2}	3.92 {0.40}	3.13 {0.32}	3.13 {0.32}
10	N {kgf}	68.6 {7.0}	63.7 {6.5}	63.7 {6.5}	4.90 {0.50}	3.92 {0.40}	3.92 {0.40}
12	N {kgf}	82.4 {8.4}	76.5 {7.8}	76.5 {7.8}	5.88 {0.60}	4.70 {0.48}	4.70 {0.48}
14	N {kgf}	96.1 {9.8}	89.2 {9.1}	89.2 {9.1}	6.86 {0.70}	5.48 {0.56}	5.48 {0.56}
16	N {kgf}	109.8 {11.2}	102.0 {10.4}	102.0 {10.4}	7.84 {0.80}	6.27 {0.64}	6.27 {0.64}
18	N {kgf}	123.5 {12.6}	114.7 {11.7}	114.7 {11.7}	8.82 {0.90}	7.05 {0.72}	7.05 {0.72}
20	N {kgf}	137.2 {14.0}	127.4 {13.0}	127.4 {13.0}	9.8 {1.00}	7.84 {0.80}	7.84 {0.80}
22	N {kgf}	151.0 {15.4}	140.2 {14.3}	140.2 {14.3}	10.7 {1.10}	8.62 {0.88}	8.62 {0.88}
24	N {kgf}	164.7 {16.8}	152.9 {15.6}	152.9 {15.6}	11.7 {1.20}	9.40 {0.96}	9.40 {0.96}

REVISE ON PC ONLY		TITLE:	
J	SEE SHEET 1 OF 9	NEW MINI FIT CONN. -LEAD FREE-	
	REV.	DESCRIPTION	製品仕様書
DOCUMENT NUMBER PS-5557-015		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		FILE NAME PS5557015.doc	SHEET 8 OF 9



PRODUCT SPECIFICATION



LANGUAGE

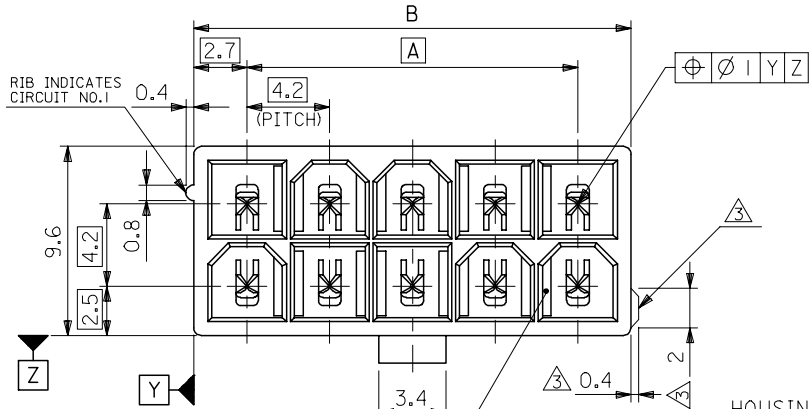
JAPANESE
ENGLISH

REV.	REV. RECORD	DATE	EC NO.	WRTTN:	CH'K:
H	REVISED	'05/03/29	J2005-2868	N.AIDA	K.TOYODA
J	REVISED	'07/04/19	J2007-2856	Y.AOYAGI	K.TOYODA

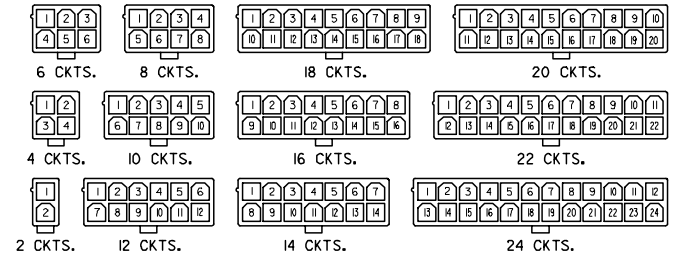
REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE-
J	SEE SHEET 1 OF 9	
REV.	DESCRIPTION	製品仕様書 THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DOCUMENT NUMBER PS-5557-015	FILE NAME PS5557015.doc	SHEET 9 OF 9
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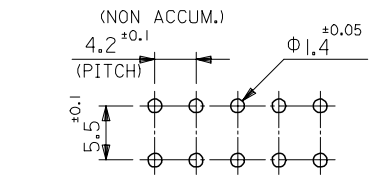
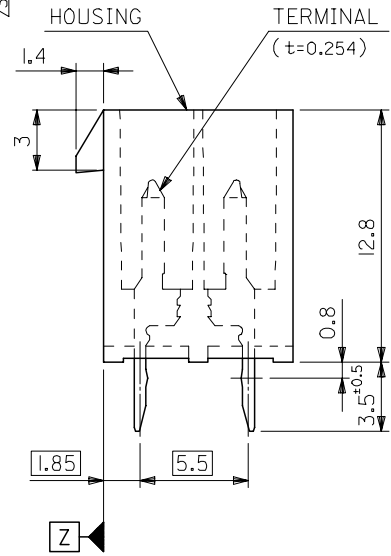
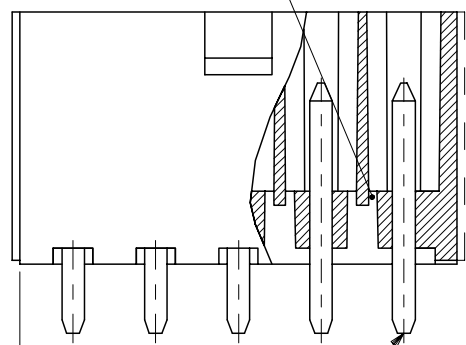


51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
DIM. B	DIM. A	CKT. SIZE



CIRCUIT SIZE LAYOUT
(SCALE 1:1)

DRAIN HOLES
(OPTION : SEE NOTE 2)



RECOMMENDED P.C. BOARD PATTERN
(SCALE 2:1)

NOTES

- MATE WITH : 5557 SERIES
- LEGEND
 BASE NUMBER _____
 CIRCUIT SIZE _____
 ASS'Y TYPE _____
 A : WITHOUT DRAIN HOLES
 B : WITH DRAIN HOLES
 TERMINAL MATERIAL _____
 "BLANK": BRASS
 PB : PHOSPHOR BRONZE
 TERMINAL PLATING _____
 "BLANK": BRIGHT TIN 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)
 TIN 0.9μm MIN. REFLOW TREATMENT
 OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)
 S : BRIGHT TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 GS : SELECT GOLD 0.76μm MIN. AND SELECT PURE TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 GS2 : SELECT GOLD 0.38μm MIN. AND SELECT PURE TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 HOUSING MATERIAL _____
 "BLANK": NYLON 66, UL94V-2
 210 : NYLON 66, UL94V-0
 310 : G.F. 30% PCT, UL94V-0
 400 : NYLON 66, UL94V-0, BLACK
 COLOR OR PACKAGING _____
 BL : BLACK RE : RED GR : GRAY
 BU : BLUE YE : YELLOW
 TA : TRAY PACKAGING FOR TRAYS (IN US)

EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY. MODEL NO. 5566-N****-***

REVISED EC NO: J2007-2529 DRWNG: SAIT001 2007/03/07 CHKDK: TOYODA 2007/03/09 APPR: NUKITA 2007/03/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-		
	10 OVER 30 UNDER	±0.3	CHECKED BY M. FUKUSHIMA	DATE '94/04/20			
	30 OVER	±0.4	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED DOCUMENT NO. SD-5566-002 SHEET NO. 1 OF 6		
ANGULAR	±3 °	MATERIAL NO. SEE TABLE					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

	10	9	8	7	6	5	4	3	2	1	
F	NOT TOOLED	5566-24APB-3IO	NOT TOOLED	5566-24AGS2-3IO	NOT TOOLED	5566-24AGS-3IO	NOT TOOLED	5566-24AS-3IO	NOT TOOLED	5566-24A-3IO	24
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22
		-22APB-3IO		-22AGS2-3IO		-22AGS-3IO		-22AS-3IO		-22A-3IO	20
		-20APB-3IO		-20AGS2-3IO		-20AGS-3IO		-20AS-3IO		-20A-3IO	18
		-18APB-3IO		-18AGS2-3IO		-18AGS-3IO		-18AS-3IO		-18A-3IO	16
		-16APB-3IO		-16AGS2-3IO		-16AGS-3IO		-16AS-3IO		-16A-3IO	14
		-14APB-3IO		-14AGS2-3IO		-14AGS-3IO		-14AS-3IO		-14A-3IO	12
		-12APB-3IO		-12AGS2-3IO		-12AGS-3IO		-12AS-3IO		-12A-3IO	10
		-10APB-3IO		-10AGS2-3IO		-10AGS-3IO		-10AS-3IO		-10A-3IO	8
		-08APB-3IO		-08AGS2-3IO		-08AGS-3IO		-08AS-3IO		-08A-3IO	6
	-06APB-3IO		-06AGS2-3IO		-06AGS-3IO		-06AS-3IO		-06A-3IO	4	
	-04APB-3IO		-04AGS2-3IO		-04AGS-3IO		-04AS-3IO		-04A-3IO	2	
E	NOT TOOLED	5566-02APB-3IO	NOT TOOLED	5566-02AGS2-3IO	NOT TOOLED	5566-02AGS-3IO	NOT TOOLED	5566-02AS-3IO	NOT TOOLED	5566-02A-3IO	24
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
	5566-NAPB-3IO		5566-NAGS2-3IO		5566-NAGS-3IO		5566-NAS-3IO		5566-NA-3IO		
	39-29-5247	5566-24APB-2IO	39-30-9245	5566-24AGS2-2IO	39-29-6248	5566-24AGS-2IO	39-30-6242	5566-24AS-2IO	39-28-8240	5566-24A-2IO	24
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22
	-5227	-22APB-2IO	-9225	-22AGS2-2IO	-6228	-22AGS-2IO	-6222	-22AS-2IO	-8220	-22A-2IO	20
	-5207	-20APB-2IO	-9205	-20AGS2-2IO	-6208	-20AGS-2IO	-6202	-20AS-2IO	-8200	-20A-2IO	18
	-5187	-18APB-2IO	-9185	-18AGS2-2IO	-6188	-18AGS-2IO	-6182	-18AS-2IO	-8180	-18A-2IO	16
	-5167	-16APB-2IO	-9165	-16AGS2-2IO	-6168	-16AGS-2IO	-6162	-16AS-2IO	-8160	-16A-2IO	14
	-5147	-14APB-2IO	-9145	-14AGS2-2IO	-6148	-14AGS-2IO	-6142	-14AS-2IO	-8140	-14A-2IO	12
-5127	-12APB-2IO	-9125	-12AGS2-2IO	-6128	-12AGS-2IO	-6122	-12AS-2IO	-8120	-12A-2IO	10	
-5107	-10APB-2IO	-9105	-10AGS2-2IO	-6108	-10AGS-2IO	-6102	-10AS-2IO	-8100	-10A-2IO	8	
-5087	-08APB-2IO	-9085	-08AGS2-2IO	-6088	-08AGS-2IO	-6082	-08AS-2IO	-8080	-08A-2IO	6	
-5067	-06APB-2IO	-9065	-06AGS2-2IO	-6068	-06AGS-2IO	-6062	-06AS-2IO	-8060	-06A-2IO	4	
-5047	-04APB-2IO	-9045	-04AGS2-2IO	-6048	-04AGS-2IO	-6042	-04AS-2IO	-8040	-04A-2IO	2	
39-29-5027	5566-02APB-2IO	39-30-9025	5566-02AGS2-2IO	39-29-6028	5566-02AGS-2IO	39-30-6022	5566-02AS-2IO	39-28-8020	5566-02A-2IO		
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NAPB-2IO		5566-NAGS2-2IO		5566-NAGS-2IO		5566-NAS-2IO		5566-NA-2IO			
39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24	
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22	
-5226	-22APB	-9224	-22AGS2	-0223	-22AGS	-6221	-22AS	-1223	-22A	20	
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	18	
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	16	
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	14	
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	12	
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	10	
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	8	
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	6	
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	4	
-5046	-04APB	-9044	-04AGS2	-0043	-04AGS	-6041	-04AS	-1043	-04A	2	
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A		
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA			

A	REVISED EC NO: J2007-2529 DRW:KSAI T001 2007/03/07 CHK:KTOY00A 2007/03/09 APP:NUKITA 2007/03/12	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
			10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED			
			30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20				
			ANGULAR	± --- °	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-5566-002		SHEET NO. 2 OF 6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

	10	9	8	7	6	5	4	3	2	1	
F	NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24
	↑	↑ -22BGS2-310	↑	↑ -22BGS-310	↑	↑ -22BS-310	↑	↑ -22B-310	↑	↑ -22APBS-310	22
		↑ -20BGS2-310		↑ -20BGS-310		↑ -20BS-310		↑ -20B-310		↑ -20APBS-310	20
		↑ -18BGS2-310		↑ -18BGS-310		↑ -18BS-310		↑ -18B-310		↑ -18APBS-310	18
		↑ -16BGS2-310		↑ -16BGS-310		↑ -16BS-310		↑ -16B-310		↑ -16APBS-310	16
		↑ -14BGS2-310		↑ -14BGS-310		↑ -14BS-310		↑ -14B-310		↑ -14APBS-310	14
		↑ -12BGS2-310		↑ -12BGS-310		↑ -12BS-310		↑ -12B-310		↑ -12APBS-310	12
		↑ -10BGS2-310		↑ -10BGS-310		↑ -10BS-310		↑ -10B-310		↑ -10APBS-310	10
		↑ -08BGS2-310		↑ -08BGS-310		↑ -08BS-310		↑ -08B-310		↑ -08APBS-310	8
		↑ -06BGS2-310		↑ -06BGS-310		↑ -06BS-310		↑ -06B-310		↑ -06APBS-310	6
	↓ -04BGS2-310		↓ -04BGS-310		↓ -04BS-310		↓ -04B-310		↓ -04APBS-310	4	
E	NOT TOOLED	5566-02BGS2-310	NOT TOOLED	5566-02BGS-310	NOT TOOLED	5566-02BS-310	NOT TOOLED	5566-02B-310	NOT TOOLED	5566-02APBS-310	2
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
		5566-NBGS2-310		5566-NBGS-310		5566-NBS-310		5566-NB-310		5566-NAPBS-310	
	39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
	↑ -9227	↑ -22BGS2-210	↑ -0228	↑ -22BGS-210	↑ -0222	↑ -22BS-210	↑ -0220	↑ -22B-210	↑ -6224	↑ -22APBS-210	22
	↑ -9207	↑ -20BGS2-210	↑ -0208	↑ -20BGS-210	↑ -0202	↑ -20BS-210	↑ -0200	↑ -20B-210	↑ -6204	↑ -20APBS-210	20
	↑ -9187	↑ -18BGS2-210	↑ -0188	↑ -18BGS-210	↑ -0182	↑ -18BS-210	↑ -0180	↑ -18B-210	↑ -6184	↑ -18APBS-210	18
	↑ -9167	↑ -16BGS2-210	↑ -0168	↑ -16BGS-210	↑ -0162	↑ -16BS-210	↑ -0160	↑ -16B-210	↑ -6164	↑ -16APBS-210	16
	↑ -9147	↑ -14BGS2-210	↑ -0148	↑ -14BGS-210	↑ -0142	↑ -14BS-210	↑ -0140	↑ -14B-210	↑ -6144	↑ -14APBS-210	14
	↑ -9127	↑ -12BGS2-210	↑ -0128	↑ -12BGS-210	↑ -0122	↑ -12BS-210	↑ -0120	↑ -12B-210	↑ -6124	↑ -12APBS-210	12
↑ -9107	↑ -10BGS2-210	↑ -0108	↑ -10BGS-210	↑ -0102	↑ -10BS-210	↑ -0100	↑ -10B-210	↑ -6104	↑ -10APBS-210	10	
↑ -9087	↑ -08BGS2-210	↑ -0088	↑ -08BGS-210	↑ -0082	↑ -08BS-210	↑ -0080	↑ -08B-210	↑ -6084	↑ -08APBS-210	8	
↑ -9067	↑ -06BGS2-210	↑ -0068	↑ -06BGS-210	↑ -0062	↑ -06BS-210	↑ -0060	↑ -06B-210	↑ -6064	↑ -06APBS-210	6	
↓ -9047	↓ -04BGS2-210	↓ -0048	↓ -04BGS-210	↓ -0042	↓ -04BS-210	↓ -0040	↓ -04B-210	↓ -6044	↓ -04APBS-210	4	
39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
	5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24	
↑ -9226	↑ -22BGS2	↑ -0227	↑ -22BGS	↑ -0221	↑ -22BS	↑ -3226	↑ -22B	↑ -6223	↑ -22APBS	22	
↑ -9206	↑ -20BGS2	↑ -0207	↑ -20BGS	↑ -0201	↑ -20BS	↑ -3206	↑ -20B	↑ -6203	↑ -20APBS	20	
↑ -9186	↑ -18BGS2	↑ -0187	↑ -18BGS	↑ -0181	↑ -18BS	↑ -3186	↑ -18B	↑ -6183	↑ -18APBS	18	
↑ -9166	↑ -16BGS2	↑ -0164	↑ -16BGS	↑ -0161	↑ -16BS	↑ -3166	↑ -16B	↑ -6163	↑ -16APBS	16	
↑ -9146	↑ -14BGS2	↑ -0147	↑ -14BGS	↑ -0141	↑ -14BS	↑ -3146	↑ -14B	↑ -6143	↑ -14APBS	14	
↑ -9126	↑ -12BGS2	↑ -0127	↑ -12BGS	↑ -0121	↑ -12BS	↑ -3126	↑ -12B	↑ -6123	↑ -12APBS	12	
↑ -9106	↑ -10BGS2	↑ -0107	↑ -10BGS	↑ -0101	↑ -10BS	↑ -3106	↑ -10B	↑ -6103	↑ -10APBS	10	
↑ -9086	↑ -08BGS2	↑ -0087	↑ -08BGS	↑ -0081	↑ -08BS	↑ -3086	↑ -08B	↑ -6083	↑ -08APBS	8	
↑ -9066	↑ -06BGS2	↑ -0067	↑ -06BGS	↑ -0061	↑ -06BS	↑ -3066	↑ -06B	↑ -6063	↑ -06APBS	6	
↓ -9046	↓ -04BGS2	↓ -0047	↓ -04BGS	↓ -0041	↓ -04BS	↓ -3046	↓ -04B	↓ -6043	↓ -04APBS	4	
39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
	5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS		

REVISED EC NO: J2007-2529 DRW:KSAI T001 2007/03/07 CHK:KATOY00A 2007/03/09 APP:NUKITA 2007/03/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
	10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED			
	30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	DOCUMENT NO. SD-5566-002		SHEET NO. 3 OF 6	
	ANGULAR	± --- °	MATERIAL NO. SEE TABLE					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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NOT TOOLED	5566-24BPBS-310	NOT TOOLED	5566-24BPB-310	24
▲	▲ -22BPBS-310	▲	▲ -22BPB-310	22
	-20BPBS-310		-20BPB-310	20
	-18BPBS-310		-18BPB-310	18
	-16BPBS-310		-16BPB-310	16
	-14BPBS-310		-14BPB-310	14
	-12BPBS-310		-12BPB-310	12
	-10BPBS-310		-10BPB-310	10
	-08BPBS-310		-08BPB-310	8
	-06BPBS-310		-06BPB-310	6
▼	▼ -04BPBS-310	▼	▼ -04BPB-310	4
NOT TOOLED	5566-02BPBS-310	NOT TOOLED	5566-02BPB-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBPBS-310		5566-NBPB-310		
39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	24
▲ -0226	▲ -22BPBS-210	▲ -0224	▲ -22BPB-210	22
-0206	-20BPBS-210	-0204	-20BPB-210	20
-0186	-18BPBS-210	-0184	-18BPB-210	18
-0166	-16BPBS-210	-0164	-16BPB-210	16
-0146	-14BPBS-210	-0144	-14BPB-210	14
-0126	-12BPBS-210	-0124	-12BPB-210	12
-0106	-10BPBS-210	-0104	-10BPB-210	10
-0086	-08BPBS-210	-0084	-08BPB-210	8
-0066	-06BPBS-210	-0064	-06BPB-210	6
-0046	-04BPBS-210	-0044	-04BPB-210	4
▼	▼ -04BPBS-210	▼	▼ -04BPB-210	4
39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBPBS-210		5566-NBPB-210		

39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	24
▲ -0228	▲ -22A-400	▲ -0225	▲ -22BPBS	▲ -0223	▲ -22BPB	22
-0208	-20A-400	-0205	-20BPBS	-0203	-20BPB	20
-0188	-18A-400	-0185	-18BPBS	-0183	-18BPB	18
-0168	-16A-400	-0165	-16BPBS	-0163	-16BPB	16
-0148	-14A-400	-0145	-14BPBS	-0143	-14BPB	14
-0128	-12A-400	-0125	-12BPBS	-0123	-12BPB	12
-0108	-10A-400	-0105	-10BPBS	-0103	-10BPB	10
-0088	-08A-400	-0085	-08BPBS	-0083	-08BPB	8
-0068	-06A-400	-0065	-06BPBS	-0063	-06BPB	6
-0048	-04A-400	-0045	-04BPBS	-0043	-04BPB	4
▼	▼ -04A-400	▼	▼ -04BPBS	▼	▼ -04BPB	4
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NA-400		5566-NBPBS		5566-NBPB		

REVISED EC NO: J2007-2529 DRWNG: SAITO 2007/03/07 CHKDK: TOYODA 2007/03/09 APPR: NUKITA 2007/03/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
	10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20				
	30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED DOCUMENT NO. SD-5566-002 SHEET NO. 4 OF 6			
	ANGULAR	± --- °	MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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									24	
									22	
									20	
									18	
					39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16	
									14	
									12	
			39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10	
							39-33-3088	5566-08A-210-BL	8	
									6	
			39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4	
39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL		2	
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.		CKT. SIZE	
5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL				
									24	
									22	
									20	
									18	
			39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU			16	
39-33-3145	5566-14A-GR						39-33-3143	5566-14A-BL	14	
			39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU			12	
			39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU			10	
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU	39-33-3083	5566-08A-BL	8
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU	39-33-3063	5566-06A-BL	6
			39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL	4	
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL	2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL		

REVISED EC NO: J2007-2529 DRW:KSAIT001 2007/03/07 CHK:KTOY00A 2007/03/09 APPR:NUKITA 2007/03/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY H.HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
	10 ^{OVER} 30 UNDER	± ---	CHECKED BY M.FUKUSHIMA	DATE '94/04/20				
	30 ^{OVER}	± ---	APPROVED BY M.FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED DOCUMENT NO. SD-5566-002 SHEET NO. 5 OF 6			
	ANGULAR	± --- °	MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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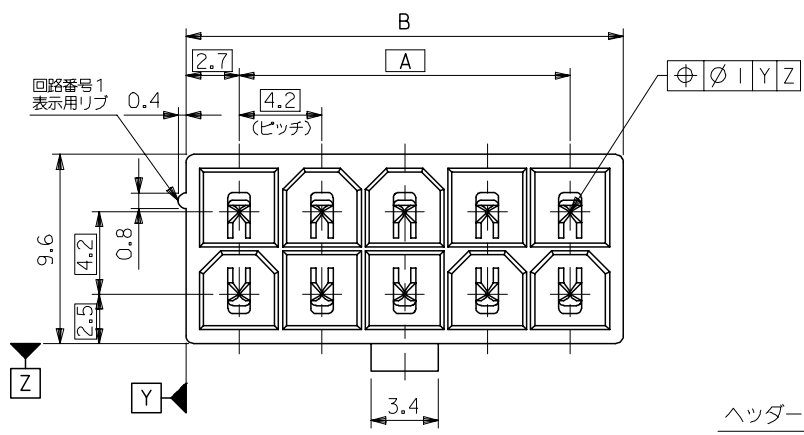
A

39-54-0245	5566-24BGS-210-TA	39-54-0244	5566-24B-210-TA	39-54-0243	5566-24BGS-TA	39-54-0242	5566-24B-TA	24
▲ -0225	▲ -22BGS-210-TA	▲ -0224	▲ -22B-210-TA	▲ -0223	▲ -22BGS-TA	▲ -0222	▲ -22B-TA	22
-0205	-20BGS-210-TA	-0204	-20B-210-TA	-0203	-20BGS-TA	-0202	-20B-TA	20
-0185	-18BGS-210-TA	-0184	-18B-210-TA	-0183	-18BGS-TA	-0182	-18B-TA	18
-0165	-16BGS-210-TA	-0164	-16B-210-TA	-0163	-16BGS-TA	-0162	-16B-TA	16
-0145	-14BGS-210-TA	-0144	-14B-210-TA	-0143	-14BGS-TA	-0142	-14B-TA	14
-0125	-12BGS-210-TA	-0124	-12B-210-TA	-0123	-12BGS-TA	-0122	-12B-TA	12
-0105	-10BGS-210-TA	-0104	-10B-210-TA	-0103	-10BGS-TA	-0102	-10B-TA	10
-0085	-08BGS-210-TA	-0084	-08B-210-TA	-0083	-08BGS-TA	-0082	-08B-TA	8
-0065	-06BGS-210-TA	-0064	-06B-210-TA	-0063	-06BGS-TA	-0062	-06B-TA	6
▼ -0045	▼ -04BGS-210-TA	▼ -0044	▼ -04B-210-TA	▼ -0043	▼ -04BGS-TA	▼ -0042	▼ -04B-TA	4
39-54-0025	5566-02BGS-210-TA	39-54-0024	5566-02B-210-TA	39-54-0023	5566-02BGS-TA	39-54-0022	5566-02B-TA	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS-210-TA		5566-NB-210-TA		5566-NBGS-TA		5566-NB-TA		

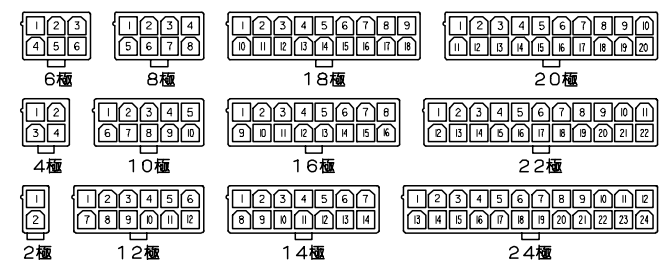
39-54-0241	5566-24AGS-210-TA	39-54-0240	5566-24AGS-TA	39-53-9249	5566-24A-210-TA	39-53-9248	5566-24A-TA	24
▲ -0221	▲ -22AGS-210-TA	▲ -0220	▲ -22AGS-TA	▲ -9229	▲ -22A-210-TA	▲ -9228	▲ -22A-TA	22
-0201	-20AGS-210-TA	-0200	-20AGS-TA	-9209	-20A-210-TA	-9208	-20A-TA	20
-0181	-18AGS-210-TA	-0180	-18AGS-TA	-9189	-18A-210-TA	-9188	-18A-TA	18
-0161	-16AGS-210-TA	-0160	-16AGS-TA	-9169	-16A-210-TA	-9168	-16A-TA	16
-0141	-14AGS-210-TA	-0140	-14AGS-TA	-9149	-14A-210-TA	-9148	-14A-TA	14
-0121	-12AGS-210-TA	-0120	-12AGS-TA	-9129	-12A-210-TA	-9128	-12A-TA	12
-0101	-10AGS-210-TA	-0100	-10AGS-TA	-9109	-10A-210-TA	-9108	-10A-TA	10
-0081	-08AGS-210-TA	-0080	-08AGS-TA	-9089	-08A-210-TA	-9088	-08A-TA	8
-0061	-06AGS-210-TA	-0060	-06AGS-TA	-9069	-06A-210-TA	-9068	-06A-TA	6
▼ -0041	▼ -04AGS-210-TA	▼ -0040	▼ -04AGS-TA	▼ -9049	▼ -04A-210-TA	▼ -9048	▼ -04A-TA	4
39-54-0021	5566-02AGS-210-TA	39-54-0020	5566-02AGS-TA	39-53-9029	5566-02A-210-TA	39-53-9028	5566-02A-TA	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAGS-210-TA		5566-NAGS-TA		5566-NA-210-TA		5566-NA-TA		

REVISED EC NO: J2007-2529 DRWNG SAI T001 2007/03/07 CHKDK: TOYODA 2007/03/09 APPR: NUKITA 2007/03/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY DATE H. HIRAMOTO '89/04/03		TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
	10 OVER 30 UNDER	± ---	CHECKED BY DATE M. FUKUSHIMA '94/04/20		MOLEX INCORPORATED DOCUMENT NO. SD-5566-002 SHEET NO. 6 OF 6			
	30 OVER	± ---	APPROVED BY DATE M. FUKUSHIMA '94/04/20					
ANGULAR ± --- °		MATERIAL NO.		SEE TABLE				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

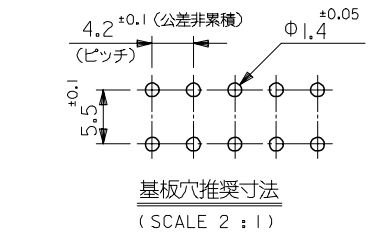
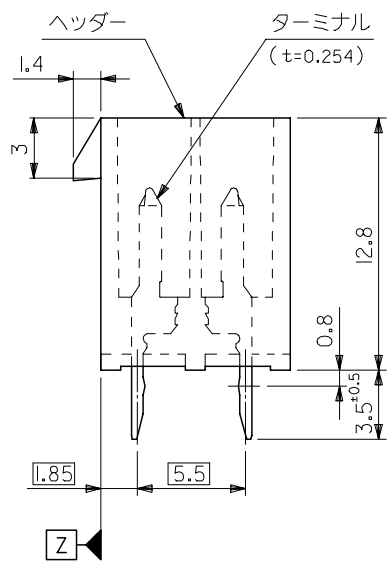
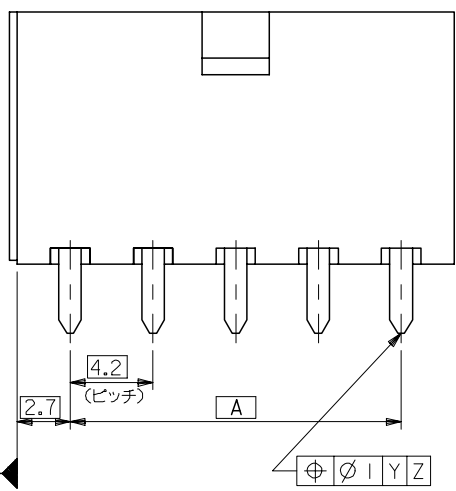
10 9 8 7 6 5 4 3 2 1



51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数



極数別レイアウト図
(SCALE 1:1)



基板穴推奨寸法
(SCALE 2:1)

注記

1. 嵌合相手: 5557シリーズ
 2. 使用符号の説明
- 5566 - N A * * - * - *
- ベースナンバー _____
- 極数 _____
- アッセンブリー _____
- ターミナル材料 _____
- "BLANK": 黄銅
PB: リン青銅
- ターミナルのメッキ _____
- "BLANK": 錫メッキ 0.9μm MIN.
GS: ニッケル 1.27μm MIN. 全面下地
コンタクト部 金 0.76μm MIN.
半田付け部 錫 2.54μm MIN.
- ヘッダー材料 _____
- "BLANK": ナイロン 66, UL 94V-2
210: ナイロン 66, UL 94V-0
400: ナイロン 66, UL 94V-0, 黒
- 色
- BL: 黒色
BU: 青色
RE: 赤色
YE: 黄色
GR: 灰色

5566-NA**-**-**
MODEL NO.

REVISED EC NO: J2006-2418 DRW: MNABEI 2006/01/30 CHK: KYOYODA 2006/02/03 APP: NUKITA 2006/02/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY H. HIRAMOTO	DATE '89/05/07	TITLE NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-	
	10 OVER 30 UNDER	±0.3	CHECKED BY M. FUKUSHIMA	DATE '91/10/29	MOLEX INCORPORATED	
	30 OVER	±0.4	APPROVED BY M. ENOMOTO	DATE '91/10/29	DOCUMENT NO. SD-5566-003	SHEET NO. 1 OF 3
	ANGULAR	±3 °	MATERIAL NO. SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3			

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

39-35-0248	5566-24A-400	24
▲ -0228	▲ -22A-400	22
-0208	-20A-400	20
-0188	-18A-400	18
-0168	-16A-400	16
-0148	-14A-400	14
-0128	-12A-400	12
-0108	-10A-400	10
-0088	-08A-400	8
-0068	-06A-400	6
▼ -0048	▼ -04A-400	4
39-35-0028	5566-02A-400	2
EDP NO.	ENG. NO.	極数
5566-NA-400		

39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24
▲ -5227	▲ -22APB-210	▲ -6228	▲ -22AGS-210	▲ -8220	▲ -22A-210	22
-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20
-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18
-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16
-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14
-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12
-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10
-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8
-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6
▼ -5047	▼ -04APB-210	▼ -6048	▼ -04AGS-210	▼ -8040	▼ -04A-210	4
39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	極数
5566-NAPB-210		5566-NAGS-210		5566-NA-210		
39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24
▲ -5226	▲ -22APB	▲ -0223	▲ -22AGS	▲ -1223	▲ -22A	22
-5206	-20APB	-0203	-20AGS	-1203	-20A	20
-5186	-18APB	-0183	-18AGS	-1183	-18A	18
-5166	-16APB	-0163	-16AGS	-1163	-16A	16
-5146	-14APB	-0143	-14AGS	-1143	-14A	14
-5126	-12APB	-0123	-12AGS	-1123	-12A	12
-5106	-10APB	-0103	-10AGS	-1103	-10A	10
-5086	-08APB	-0083	-08AGS	-1083	-08A	8
-5066	-06APB	-0063	-06AGS	-1063	-06A	6
▼ -5046	▼ -04APB	▼ -0043	▼ -04AGS	▼ -1043	▼ -04A	4
39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	極数
5566-NAPB		5566-NAGS		5566-NA		

REVISED EC NO: J2006-2418 DRWN: NABEI 2006/01/30 CHKD: KTOYODA 2006/02/03 APPR: NUKITA 2006/02/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY H.HIRAMOTO	DATE '89/05/07	TITLE NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-			
	10 OVER 30 UNDER	± ---	CHECKED BY M.FUKUSHIMA	DATE '91/10/29				
	30 OVER	± ---	APPROVED BY M.ENOMOTO	DATE '91/10/29	MOLEX INCORPORATED			
ANGULAR	± --- °	MATERIAL NO.	DOCUMENT NO. SD-5566-003	SHEET NO. 2 OF 3				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

C

B

B

A

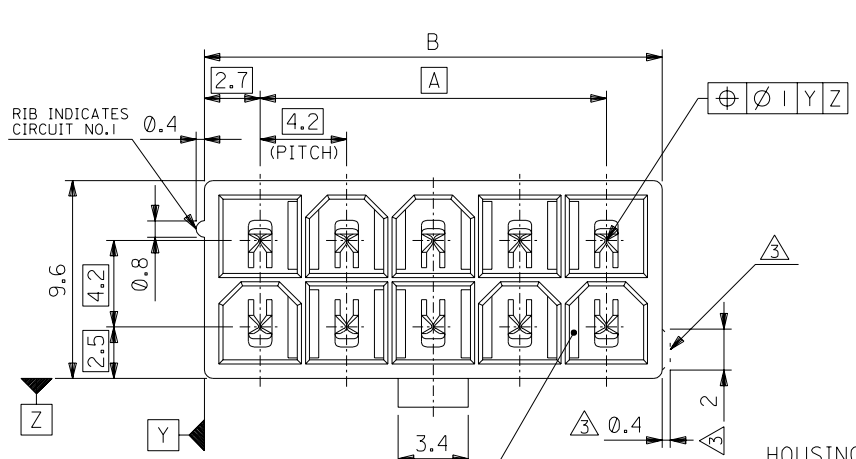
A

									24
									22
									20
									18
					39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16
									14
									12
			39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10
							39-33-3088	5566-08A-210-BL	8
									6
			39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4
39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL		2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.		極数
5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL			
									24
									22
									20
									18
39-33-3145	5566-14A-GR			39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU		16
				39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU	39-33-3143	5566-14A-BL
				39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU		14
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU		12
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU		10
				39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL	
									極数

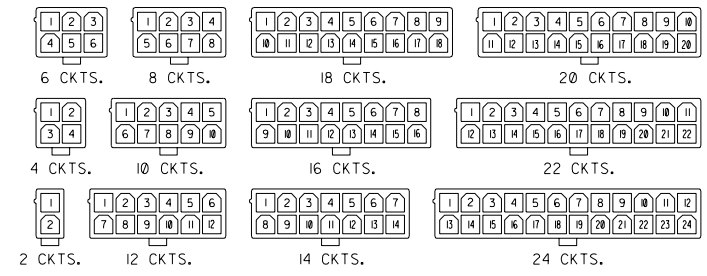
REVISED EC NO: J2006-2418 DRWN: NABEI 2006/01/30 CHKD: KTOYODA 2006/02/03 APPR: NUKITA 2006/02/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/05/07	TITLE NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-			
	10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '91/10/29				
	30 OVER	± ---	APPROVED BY M. ENOMOTO	DATE '91/10/29	MOLEX INCORPORATED DOCUMENT NO. SD-5566-003 SHEET NO. 3 OF 3			
	ANGULAR	± --- °	MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

DWG. NO. SD-5566-N****

MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

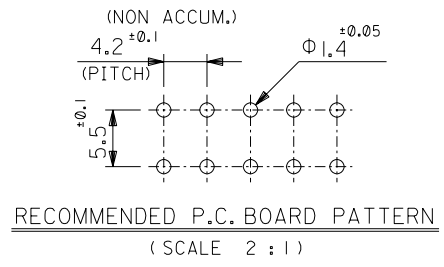
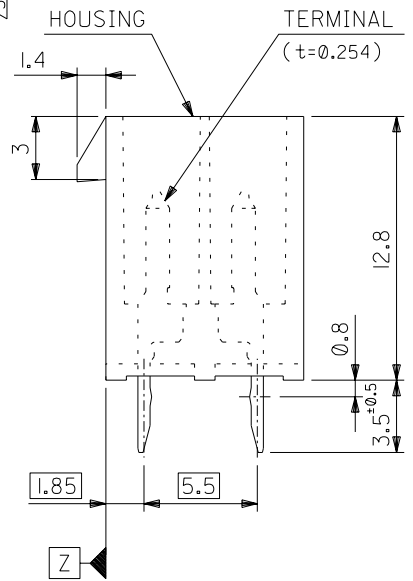
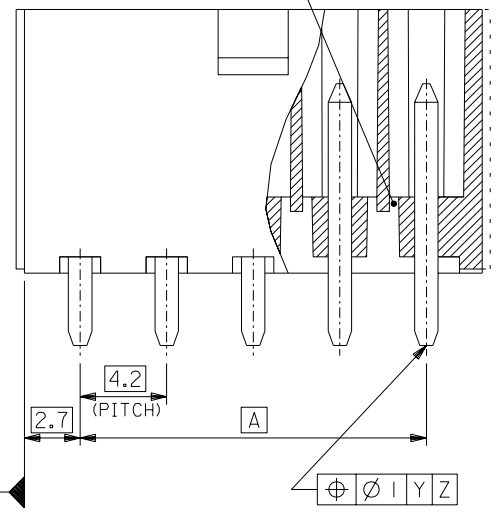


51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
DIM. B	DIM. A	CKT. SIZE



CIRCUIT SIZE LAYOUT (SCALE 1:1)

DRAIN HOLES (OPTION : SEE NOTE 2)



RECOMMENDED P.C. BOARD PATTERN (SCALE 2:1)


NOTES

- MATE WITH : 5557 SERIES
 - LEGEND
 - BASE NUMBER 5566 - N * * * - *
 - CIRCUIT SIZE _____
 - ASS'Y TYPE _____
 - A : WITHOUT DRAIN HOLES
 - B : WITH DRAIN HOLES
 - TERMINAL MATERIAL _____
 - "BLANK" : BRASS
 - PB : PHOSPHOR BRONZE
 - TERMINAL PLATING _____
 - "BLANK" : BRIGHT TIN 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)
 - TIN 0.9μm MIN. REFLOW TREATMENT
 - OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)
 - S : BRIGHT TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 - GS : SELECT GOLD 0.76μm MIN. AND SELECT PURE TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 - GS2 : SELECT GOLD 0.38μm MIN. AND SELECT PURE TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
 - HOUSING MATERIAL _____
 - "BLANK" : NYLON 66, UL94V-2
 - 210 : NYLON 66, UL94V-0
 - 310 : G.F. 30% PCT, UL94V-0
 - 400 : NYLON 66, UL94V-0, BLACK
- EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.

5566-N****	J	REVISED (J2004-4416)	M,N K,T	04/5/25	材料 MATERIAL	SEE NOTE 2	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
MODEL NO.	H	REVISED (J40308)	H,H M,F	94/4/19	仕上げ FINISH	SEE NOTE 2	
角度 ANGLE	±3°	G	REVISED (J10190)	H,H Y,Y	91/3/7	適用電線範囲 WIRE RANGE	TITLE 名称
30°以上 OVER	±0.4	F	REVISED (J00638)	H,H Y,Y	90/6/8	被覆外径 INS. RANGE	NEW MINI FIT CONNECTOR
10°以上 OVER 30°未滿 UNDER	±0.3	E	REVISED (J90681)	H,H Y,Y	89/8/25		HEADER HOUSING ASS'Y
未滿 10° UNDER	±0.2	D	REVISED & REDRAWN (J90237)	H,H Y,Y	89/4/3	DRAWN BY '89/4/3 H.HIRAMOTO	-LEAD FREE-
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	尺度 SCALE	4 : 1	DWG. NO. SHEET 1 OF 4 REV J

DWG. NO. SD-5566-N****-*	8		7		6		5		4		3		2		1				
	NOT TOOLED	5566-24APB-310	NOT TOOLED	5566-24AGS2-310	NOT TOOLED	5566-24AGS2-310	NOT TOOLED	5566-24AGS-310	NOT TOOLED	5566-24AS-310	NOT TOOLED	5566-24AS-310	NOT TOOLED	5566-24A-310	24				
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22				
		-22APB-310		-22AGS2-310		-22AGS2-310		-22AGS-310		-22AS-310		-22AS-310		-22A-310	20				
		-20APB-310		-20AGS2-310		-20AGS2-310		-20AGS-310		-20AS-310		-20AS-310		-20A-310	18				
		-18APB-310		-18AGS2-310		-18AGS2-310		-18AGS-310		-18AS-310		-18AS-310		-18A-310	16				
		-16APB-310		-16AGS2-310		-16AGS2-310		-16AGS-310		-16AS-310		-16AS-310		-16A-310	14				
		-14APB-310		-14AGS2-310		-14AGS2-310		-14AGS-310		-14AS-310		-14AS-310		-14A-310	12				
		-12APB-310		-12AGS2-310		-12AGS2-310		-12AGS-310		-12AS-310		-12AS-310		-12A-310	10				
		-10APB-310		-10AGS2-310		-10AGS2-310		-10AGS-310		-10AS-310		-10AS-310		-10A-310	8				
	-08APB-310		-08AGS2-310		-08AGS2-310		-08AGS-310		-08AS-310		-08AS-310		-08A-310	6					
	-06APB-310		-06AGS2-310		-06AGS2-310		-06AGS-310		-06AS-310		-06AS-310		-06A-310	4					
	-04APB-310		-04AGS2-310		-04AGS2-310		-04AGS-310		-04AS-310		-04AS-310		-04A-310	2					
E	NOT TOOLED	5566-02APB-310	NOT TOOLED	5566-02AGS2-310	NOT TOOLED	5566-02AGS2-310	NOT TOOLED	5566-02AS-310	NOT TOOLED	5566-02AS-310	NOT TOOLED	5566-02A-310	2						
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE						
		5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310									
	39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210	39-30-6242	5566-24AS-210	39-28-8240	5566-24A-210	24								
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22								
		-5227		-9225		-6228		-6222		-8220		20							
		-20APB-210		-20AGS2-210		-20AGS-210		-20AS-210		-20A-210		18							
		-2008		-2008		-6188		-6182		-8180		16							
		-5187		-9185		-6188		-6182		-8180		14							
		-5167		-9165		-6168		-6162		-8160		12							
	-5147		-9145		-6148		-6142		-8140		10								
	-5127		-9125		-6128		-6122		-8120		8								
	-5107		-9105		-6108		-6102		-8100		6								
	-5087		-9085		-6088		-6082		-8080		4								
	-5067		-9065		-6068		-6062		-8060										
	-5047		-9045		-6048		-6042		-8040										
	39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	2								
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE								
	5566-NAPB-210	5566-NAGS2-210	5566-NAGS-210	5566-NAS-210	5566-NA-210														
	39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24								
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22								
	-5206		-9204		-0203		-6201		-1203		20								
	-5186		-9184		-0183		-6181		-1183		18								
	-5166		-9164		-0163		-6161		-1163		16								
	-5146		-9144		-0143		-6141		-1143		14								
	-5126		-9124		-0123		-6121		-1123		12								
	-5106		-9104		-0103		-6101		-1103		10								
	-5086		-9084		-0083		-6081		-1083		8								
	-5066		-9064		-0063		-6061		-1063		6								
	-5046		-9044		-0043		-6041		-1043		4								
	39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2								
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE								
	5566-NAPB	5566-NAGS2	5566-NAGS	5566-NAS	5566-NA														

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N****		J	SEE SHEET 1 OF 4	M,N K,T	'04/5/25	材料 MATERIAL	SEE NOTE 2	 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
MODEL NO.	H	SEE SHEET 1 OF 4	H,H M,F	'94/4/19	仕上げ FINISH	SEE NOTE 2	REVISE ONLY ON CAD SYSTEM	
角度 ANGLE	30°	G	SEE SHEET 1 OF 4	H,H Y,Y	'91/3/7	適用電線範囲 WIRE RANGE	—#—	TITLE 名称
30°以上 OVER	+0.3	F	SEE SHEET 1 OF 4	H,H Y,Y	'90/6/8	被覆外径 INS. RANGE		NEW MINI FIT CONNECTOR
10°以上 OVER 30° UNDER	+0.25	E	SEE SHEET 1 OF 4	H,H Y,Y	'89/8/25			HEADER HOUSING ASS'Y
未滿 UNDER	+0.2	D	SEE SHEET 1 OF 4	H,H Y,Y	'89/4/3	DRAWN BY '89/4/3 H.HIRAMOTO	CHK'D BY '94/4/20 M.FUKUSHIMA	-LEAD FREE-
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	尺度 SCALE	—#—	DWG. NO. SHEET 2 OF 4 REV
								SD-5566-N****-*

8		7		6		5		4		3		2		1	
DWG. NO. SD-5566-N****	NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24		
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22		
		-22BGS2-310		-22BGS-310		-22BS-310		-22B-310		-22B-310		-22APBS-310	20		
		-20BGS2-310		-20BGS-310		-20BS-310		-20B-310		-20B-310		-20APBS-310	18		
		-18BGS2-310		-18BGS-310		-18BS-310		-18B-310		-18B-310		-18APBS-310	16		
		-16BGS2-310		-16BGS-310		-16BS-310		-16B-310		-16B-310		-16APBS-310	14		
		-14BGS2-310		-14BGS-310		-14BS-310		-14B-310		-14B-310		-14APBS-310	12		
		-12BGS2-310		-12BGS-310		-12BS-310		-12B-310		-12B-310		-12APBS-310	10		
		-10BGS2-310		-10BGS-310		-10BS-310		-10B-310		-10B-310		-10APBS-310	8		
		-08BGS2-310		-08BGS-310		-08BS-310		-08B-310		-08B-310		-08APBS-310	6		
	-06BGS2-310		-06BGS-310		-06BS-310		-06B-310		-06B-310		-06APBS-310	4			
	-04BGS2-310		-04BGS-310		-04BS-310		-04B-310		-04B-310		-04APBS-310	2			
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2			
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE		
	5566-NBGS2-310	5566-NBGS-310	5566-NBS-310	5566-NB-310	5566-NAPBS-310										
	39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210		24			
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22			
	-9227	-22BGS2-210	-0228	-22BGS-210	-0222	-22BS-210	-0220	-22B-210	-6224	-22APBS-210		20			
	-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210		18			
	-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210		16			
	-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210		14			
	-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210		12			
	-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210		10			
	-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210		8			
	-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210		6			
	-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210		4			
	-9047	-04BGS2-210	-0048	-04BGS-210	-0042	-04BS-210	-0040	-04B-210	-6044	-04APBS-210		2			
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2			
	39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210		2			
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE		
	5566-NBGS2-210	5566-NBGS-210	5566-NBS-210	5566-NB-210	5566-NAPBS-210										
	39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS		24			
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22			
	-9226	-22BGS2	-0227	-22BGS	-0221	-22BS	-3226	-22B	-6223	-22APBS		20			
	-9206	-20BGS2	-0207	-20BGS	-0201	-20BS	-3206	-20B	-6203	-20APBS		18			
	-9186	-18BGS2	-0187	-18BGS	-0181	-18BS	-3186	-18B	-6183	-18APBS		16			
	-9166	-16BGS2	-0164	-16BGS	-0161	-16BS	-3166	-16B	-6163	-16APBS		14			
	-9146	-14BGS2	-0147	-14BGS	-0141	-14BS	-3146	-14B	-6143	-14APBS		12			
	-9126	-12BGS2	-0127	-12BGS	-0121	-12BS	-3126	-12B	-6123	-12APBS		10			
	-9106	-10BGS2	-0107	-10BGS	-0101	-10BS	-3106	-10B	-6103	-10APBS		8			
	-9086	-08BGS2	-0087	-08BGS	-0081	-08BS	-3086	-08B	-6083	-08APBS		6			
	-9066	-06BGS2	-0067	-06BGS	-0061	-06BS	-3066	-06B	-6063	-06APBS		4			
	-9046	-04BGS2	-0047	-04BGS	-0041	-04BS	-3046	-04B	-6043	-04APBS		2			
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2			
	39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS		2			
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE		
	5566-NBGS2	5566-NBGS	5566-NBS	5566-NB	5566-NAPBS										

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N****		J	SEE SHEET 1 OF 4	M,N K,T	04/5/25	材料 MATERIAL	SEE NOTE 2	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
MODEL NO.		H	SEE SHEET 1 OF 4	H,H M,F	94/4/19	仕上げ FINISH	SEE NOTE 2	REVISE ONLY ON CAD SYSTEM	
角度 ANGLE		G	SEE SHEET 1 OF 4	H,H Y,Y	91/3/7	適用電線範囲 WIRE RANGE	—	TITLE 名称	
30 以上 OVER		F	SEE SHEET 1 OF 4	H,H Y,Y	90/6/8	被覆外径 INS. RANGE	—	NEW MINI FIT CONNECTOR	
10 以上 OVER 30 UNDER		E	SEE SHEET 1 OF 4	H,H Y,Y	89/8/25			HEADER HOUSING ASS'Y	
未滿 UNDER		D	SEE SHEET 1 OF 4	H,H Y,Y	89/4/3			-LEAD FREE-	
一般公差 GENERAL TOLERANCES						DRAWN BY '89/4/3 H.HIRAMOTO	CHK'D BY '94/4/20 M.FUKUSHIMA	DWG. NO.	SHEET 3 OF 4
記号 LTR			変更内容 REVISION RECORD	DR. CHK.	日付 DATE	APP'D BY '94/4/20 M.FUKUSHIMA	尺度 SCALE	SD-5566-N****	REV J

DWG. NO.
SD-5566-N****-

E

D

C

B

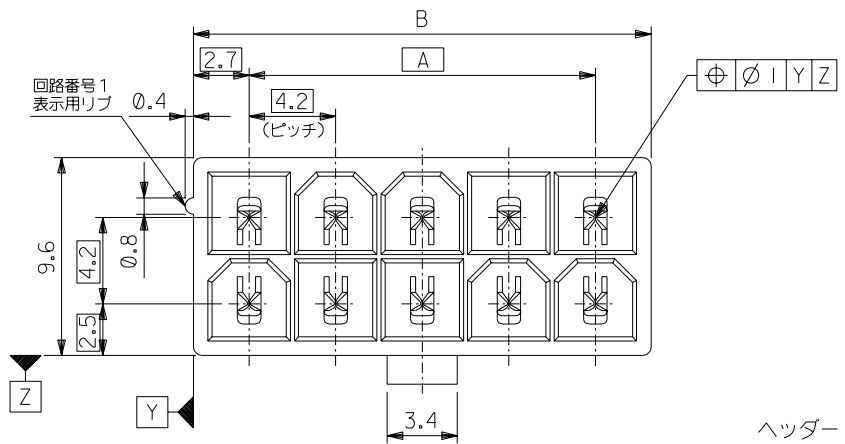
A

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

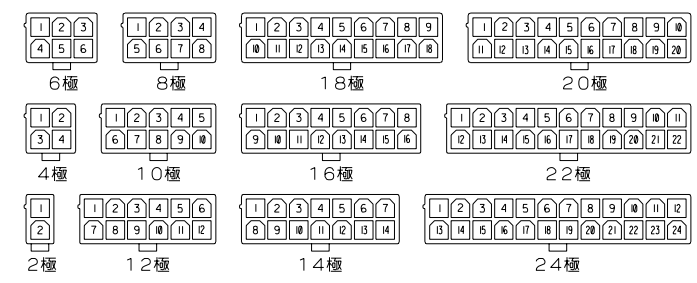
8		7		6		5		4		3		2		1	
NOT	TOOLED	5566-24BPBS-310		NOT	TOOLED	5566-24BPB-310		24							
▲	▲	-22BPBS-310		▲	▲	-22BPB-310		22							
		-20BPBS-310				-20BPB-310		20							
		-18BPBS-310				-18BPB-310		18							
		-16BPBS-310				-16BPB-310		16							
		-14BPBS-310				-14BPB-310		14							
		-12BPBS-310				-12BPB-310		12							
		-10BPBS-310				-10BPB-310		10							
		-08BPBS-310				-08BPB-310		8							
		-06BPBS-310				-06BPB-310		6							
▼	▼	-04BPBS-310		▼	▼	-04BPB-310		4							
NOT	TOOLED	5566-02BPBS-310		NOT	TOOLED	5566-02BPB-310		2							
EDP NO.	ENG. NO	EDP NO.		ENG. NO	EDP NO.		ENG. NO	CKT. SIZE							
5566-NBPBS-310		5566-NBPB-310		5566-NBPBS-310		5566-NBPB-310		5566-NBPB-310							
39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	39-31-0244	5566-24BPB-210	39-31-0244	5566-24BPB-210	39-31-0244	5566-24BPB-210						
▲	▲	-0226		▲	▲	-0224		▲	▲						
		-0206				-0204									
		-0186				-0184									
		-0166				-0164									
		-0146				-0144									
		-0126				-0124									
		-0106				-0104									
		-0086				-0084									
		-0066				-0064									
▼	▼	-0046		▼	▼	-0044		▼	▼						
39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	39-31-0024	5566-02BPB-210	39-31-0024	5566-02BPB-210	39-31-0024	5566-02BPB-210						
EDP NO.	ENG. NO	EDP NO.		ENG. NO	EDP NO.		ENG. NO	CKT. SIZE							
5566-NBPBS-210		5566-NBPB-210		5566-NBPBS-210		5566-NBPB-210		5566-NBPB-210							
39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	39-31-0243	5566-24BPB	39-31-0243	5566-24BPB						
▲	▲	-0228		▲	▲	-0223		▲	▲						
		-0208				-0203									
		-0188				-0183									
		-0168				-0163									
		-0148				-0143									
		-0128				-0123									
		-0108				-0103									
		-0088				-0083									
		-0068				-0063									
▼	▼	-0048		▼	▼	-0043		▼	▼						
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	39-31-0023	5566-02BPB	39-31-0023	5566-02BPB						
EDP NO.	ENG. NO	EDP NO.		ENG. NO	EDP NO.		ENG. NO	CKT. SIZE							
5566-NA-400		5566-NBPBS		5566-NBPB		5566-NBPB		5566-NBPB							

EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	39-31-0243	5566-24BPB	39-31-0243	5566-24BPB	24
▲	▲	-0228		▲	▲	-0223		▲	▲	22
		-0208				-0203				20
		-0188				-0183				18
		-0168				-0163				16
		-0148				-0143				14
		-0128				-0123				12
		-0108				-0103				10
		-0088				-0083				8
		-0068				-0063				6
▼	▼	-0048		▼	▼	-0043		▼	▼	4
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	39-31-0023	5566-02BPB	39-31-0023	5566-02BPB	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NA-400		5566-NBPBS		5566-NBPB		5566-NBPB		5566-NBPB		5566-NBPB

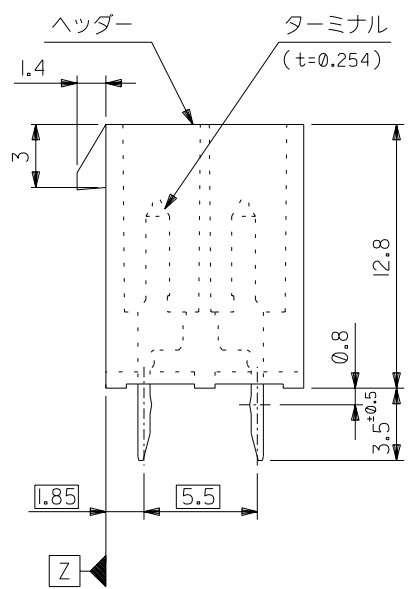
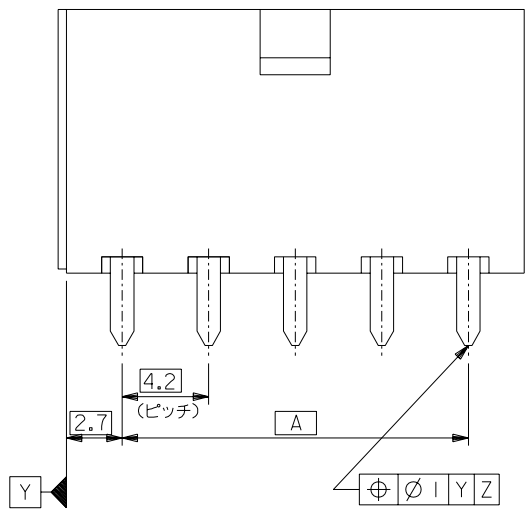
5566-N****-		J	SEE SHEET 1 OF 4	M,N K,T	04/5/25	材料 MATERIAL	SEE NOTE 2	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社		
MODEL NO.	H	SEE SHEET 1 OF 4	H,L M,F	94/4/19	仕上げ FINISH	SEE NOTE 2	REVISE ONLY ON CAD SYSTEM			
角度 ANGLE	30	G	SEE SHEET 1 OF 4	H,L Y,Y	91/3/7	適用電線範囲 WIRE RANGE	TITLE 名称			
30 以上 OVER	+0.3	F	SEE SHEET 1 OF 4	H,L Y,Y	90/6/8	被覆外径 INS. RANGE	NEW MINI FIT CONNECTOR			
10 以上 30 未満 OVER UNDER	+0.25	E	SEE SHEET 1 OF 4	H,L Y,Y	89/8/25	—	HEADER HOUSING ASS'Y			
10 未満 UNDER	+0.2	D	SEE SHEET 1 OF 4	H,L Y,Y	89/4/3	—	-LEAD FREE-			
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	DRAWN BY '89/4/3 H.HIRAMOTO	CHK'D BY '94/4/20 M.FUKUSHIMA	DWG. NO.	SHEET 4 OF 4	REV J
						APP'D BY '94/4/20 M.FUKUSHIMA	尺度 SCALE	SD-5566-N****-		



51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数

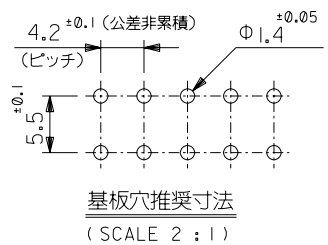


極数別レイアウト図
(SCALE 1:1)



注記

- 嵌合相手：5557シリーズ
- 使用符号の説明
 ベースナンバー 5566 - N A * * - *
 極数 _____
 アッセンブリ _____
 ターミナル材料 _____
 "BLANK"：黄銅
 PB：リン青銅
 ターミナルのメッキ _____
 "BLANK"：錫メッキ 0.9μm MIN.
 GS：ニッケル 1.27μm MIN. 全面下地
 コンタクト部 金 0.76μm MIN.
 半田付け部 錫 2.54μm MIN.
 ヘッダー材料 _____
 "BLANK"：ナイロン 66, UL 94V-2
 210：ナイロン 66, UL 94V-0
 400：ナイロン 66, UL 94V-0, 黒



基板穴推奨寸法
(SCALE 2:1)

5566-NA***
MODEL NO.

材料 MATERIAL		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
注記 2 参照		EDP NO. SHEET 2 OF 2 参照	
仕上げ FINISH 注記 2 参照		ENG. NO. SHEET 1 OF 2 REV F	
角度 ANGLE ±3°	F 変更 (J2004-4431)	M.N. '04/5/26	適用電線範囲 WIRE RANGE —
30以上 OVER ±0.4	E 変更 (J00638)	H.H. '90/6/8	被覆外径 INS. RANGE —
10以上 OVER 30未満 UNDER ±0.3 ±0.25	D 変更&再作図 (J00510)	H.H. '90/5/7	DRAWN BY '89/5/7 H.HIRAMOTO
10未満 UNDER ±0.2	記号 変更内容 REVISION RECORD	DR. CHK. 日付 DATE	CHK'D BY '91/10/29 M.FUKUSHIMA
一般公差 GENERAL TOLERANCES	REVISION RECORD	APP'D BY '91/10/29 M.ENOMOTO	尺度 SCALE 4-1
REVISION RECORD		TITLE 名称 NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-	

ENG. NO
SD-5566-NA***

EDP NO.
表 参照

MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

39-35-0248	5566-24A-400	24
▲ -0228	▲ -22A-400	22
-0208	-20A-400	20
-0188	-18A-400	18
-0168	-16A-400	16
-0148	-14A-400	14
-0128	-12A-400	12
-0108	-10A-400	10
-0088	-08A-400	8
-0068	-06A-400	6
▼ -0048	▼ -04A-400	4
39-35-0028	5566-02A-400	2
EDP NO.	ENG. NO	極数
5566-NA-400		極数

39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24
▲ -5227	▲ -22APB-210	▲ -6228	▲ -22AGS-210	▲ -8220	▲ -22A-210	22
-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20
-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18
-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16
-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14
-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12
-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10
-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8
-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6
▼ -5047	▼ -04APB-210	▼ -6048	▼ -04AGS-210	▼ -8040	▼ -04A-210	4
39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB-210		5566-NAGS-210		5566-NA-210		極数
39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24
▲ -5226	▲ -22APB	▲ -0223	▲ -22AGS	▲ -1223	▲ -22A	22
-5206	-20APB	-0203	-20AGS	-1203	-20A	20
-5186	-18APB	-0183	-18AGS	-1183	-18A	18
-5166	-16APB	-0163	-16AGS	-1163	-16A	16
-5146	-14APB	-0143	-14AGS	-1143	-14A	14
-5126	-12APB	-0123	-12AGS	-1123	-12A	12
-5106	-10APB	-0103	-10AGS	-1103	-10A	10
-5086	-08APB	-0083	-08AGS	-1083	-08A	8
-5066	-06APB	-0063	-06AGS	-1063	-06A	6
▼ -5046	▼ -04APB	▼ -0043	▼ -04AGS	▼ -1043	▼ -04A	4
39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB		5566-NAGS		5566-NA		極数

5566-NA***		材料 MATERIAL		注記 2 参照		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
MODEL NO.		仕上げ FINISH		注記 2 参照		EDP. NO. 表 参照	
角度 ANGLE	+3°	F	SEE SHEET 1 OF 2	M.N. K.T.	'04/5/26	適用電線範囲 WIRE RANGE	—H—
30 以上 OVER	+0.3	E	SEE SHEET 1 OF 2	H.H.	'90/6/8	被覆外径 INS. RANGE	
10 以上 OVER	+0.25	D	SEE SHEET 1 OF 2	H.H. Y.Y.	'90/5/7	DRAWN BY '90/5/7	CHK'D BY '91/10/29
10 未満 UNDER	+0.2	記号	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	H.HIRAMOTO	M.FUKUSHIMA
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM		APP'D BY '91/10/29	MENOMOTO	尺度 SCALE	—H—
						TITLE 名称 NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-	

5566-S22