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Part Number: **39-00-0059**
Status: **Active**
Overview: Mini-Fit Jr.™
Description: 4.20mm Pitch Mini-Fit® Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 18-24 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-5556-001 (PDF)
Product Specification PS-51010-003 (PDF)	Product Specification PS-5556-002 (PDF)
Product Specification PS-51010-004 (PDF)	Packaging Specification PK-5556-001 (PDF)
Product Specification PS-51045-003 (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-52252-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-54849-004 (PDF)	

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr.™</u>
Product Name	Mini-Fit®

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5556PBT
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54849-004, PS-5556-001, PS-5556-002, RPS-501566-001, RPS-51010-013, RPS-51045-002, RPS-54269-004, RPS-5557-001, RPS-5557-004, RPS-5557-027, RPS-5557-034, RPS-5557-035, RPS-5557-044, RPS-5557-045, RPS-5557-048, RPS-5557-049, RPS-5557-054
Sales Drawing	SD-5556****
Test Summary	TS-5556-002



image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

5556Series

Mates With

5558 Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

Use With

5557 Mini-Fit Jr.™ Receptacle Housing, 30067 Mini-Fit® TPA, 42474 Mini-Fit® BMI Panel Mount, 5559 Mini-Fit Jr.™ Plug Housing, Dual Row

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	0639124900

T2 Terminator™ 0639102600
 for insulation OD
 2.50-2.95mm - 18-24
 AWG
 FineAdjust™ 0639002600
 Applicator for
 insulation OD
 2.50-2.95mm - 18-24
 AWG
 T2 Terminator™ 0639123900
 for insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust™ 0639024900
 Applicator for
 insulation OD
 2.30-2.60mm - 18-24
 AWG
 Hand Crimp Tool for 0638190900
 Male and Female
 Crimp Terminals,
 16-24 AWG Wire
 T2 Terminator™ for 0639102900
 insulation OD 1.65
 – 2.05mm – 18 – 24
 AWG
 FineAdjust™ 0639023900
 Applicator for
 insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust™ 0639024800
 Applicator for
 insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 FineAdjust™ 0639002900
 Applicator for
 insulation OD
 1.65-2.05mm - 18-24
 AWG
 FineAdjust™ 0639015600
 Applicator for
 insulation OD
 1.90-2.30mm - 18-24
 AWG
 T2 Terminator™ 0639115600
 for insulation OD
 1.90-2.30mm - 18-24
 AWG
 T2 Terminator™ 0639124800
 for insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 Extraction Tool 0011030044

Japan

Description	Product #
Applicator for M211A Bench Press, 18-24 AWG Wire	0570223000
Side-Feed Applicator For Full-Auto Machine	0570223200

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