

(2,54 mm) .100"

MMSD, MMSDT, MMSS, MMSST SERIES

MINI MATE® CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?MMSD, www.samtec.com?MMSDT, www.samtec.com?MMSS or www.samtec.com?MMSST

Insulator Material: Nylon 66
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27 µm) Ni

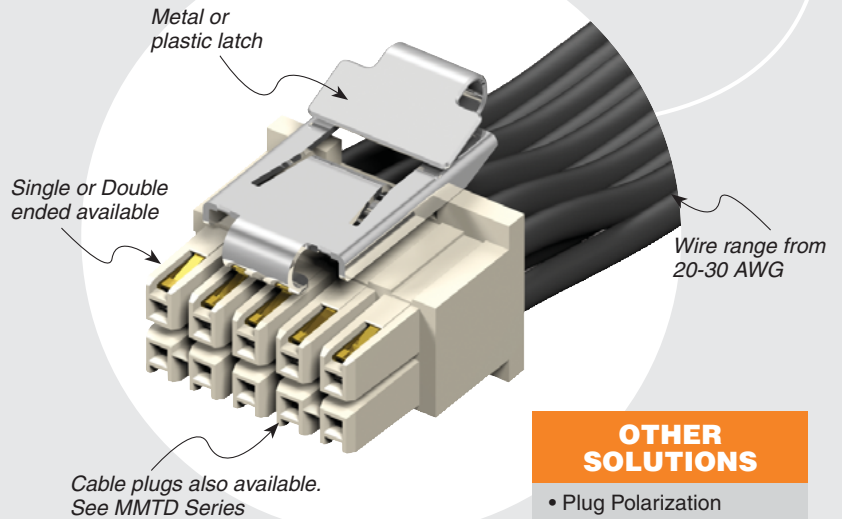
Operating Temp Range: -10°C to +105°C (PVC) for 20, 22, 24, 26 AWG
 -10°C to +80°C (PVC) for 28, 30 AWG
 -40°C to +125°C (*Teflon®)
Voltage Rating: 300 VAC
Wire: 20 to 30 AWG
RoHS Compliant: Yes

Mates with: IPL1 (Does not mate with IPT1)

*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

Note: Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

MMSD/IPL1	
WIRE GAUGE	CURRENT RATING (PER PIN)
20	4.8 A
22	4.3 A
24	3.9 A
26	3.5 A
28	2.6 A
30	2.1 A
1 PIN POWERED	



OTHER SOLUTIONS

• Plug Polarization
 For specification, see www.samtec.com?PK-79.

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other color coded cables (*Teflon® N/A)
 - Other sizes/pin counts.
 - Other Gold platings
 - Guide post
- Contact Samtec.

APPLICATION

-20C, -24C, -28C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

Notes:
 For wiring option information refer to drawing on web.
 Some lengths, styles and options are non-standard, non-returnable.

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
MMSD = Double Row PVC Cable	-02, -03, -04, -05, -06, -08,	-20 -20C = Color Coded Cable	-L = 10µ" (0,25 µm) Gold on contact, Tin on tail	- "XX.XX" = Assembly Length in Inches (82,55 mm) 03,25" min.	-S = Single End -D = Double End (Latch Required)	-K = Keyed Polarization	
MMSDT = Double Row *Teflon® Cable (20, 24, 28 & 30 AWG only)	-10, -12, -15, -16, -20, -25 (Standard sizes)	-22 -24 -24C = Color Coded Cable					
MMSS = Single Row PVC Cable		-26 -28 -28C = Color Coded Cable					
MMSST = Single Row *Teflon® Cable (20, 24, 28 & 30 AWG only)		-30					

MMS/MMSST

MMSD/MMSDT

-D-K-MUS

-D-K-LUS

(Metal latches for more rugged environments; -02, -05 & -10 positions only)

- M = Single Ended, Metal Latches (Leave blank for plastic)
- Double Ended (-D) Crossed requires MMSD/MMSDT
- LUS = Plastic Latch up, straight
- LDS = Plastic Latch down, straight
- LUX = Plastic Latch up, crossed
- LDX = Plastic Latch down, crossed
- MUS = Metal Latch up, straight
- MDS = Metal Latch down, straight
- MUX = Metal Latch up, crossed
- MDX = Metal Latch down, crossed