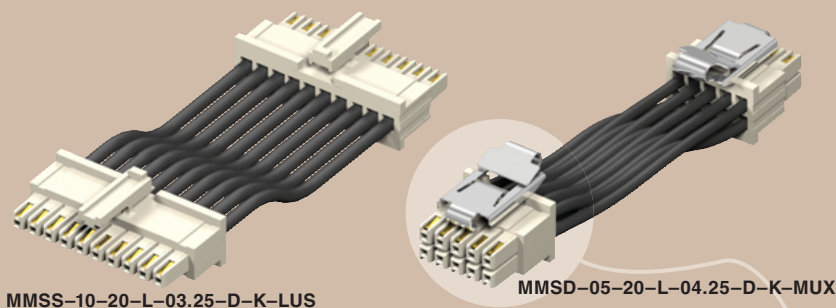


samtec



(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)

-40°C to +125°C (*Teflon®)

Voltage Rating:

300 VAC

Wire: 20 to 30 AWG

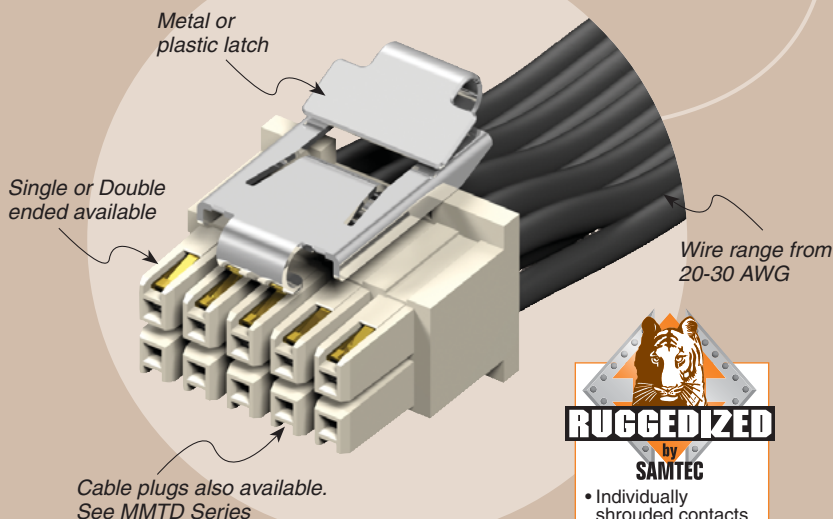
RoHS Compliant: Yes

Mates with: IPL1
(Does not mate with IPT1)

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	

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

Note: For wiring option information refer to drawing on web.



- Individually shrouded contacts
- Metal or plastic latches

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.
- With or without Plug Polarization (omit pin 1)
- Other Gold platings
- Guide post
- Contact Samtec.

APPLICATION

-24C 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

Note: 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 -22 -24	-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 (24, 28 & 30 AWG only)	-10, -12, -15, -16, -20, -25 (Standard sizes)	-24C = Color Coded Cable -26 -28 -30					
MMSS = Single Row PVC Cable							
MMSST = Single Row *Teflon® Cable (24, 28 & 30 AWG only)							

Diagram of MMSD/MMSDT connector showing dimensions and pin configuration.

Diagram of MMSS/MMSSST connector showing dimensions and pin configuration.

Diagram of MMSD/MMSDT connector showing dimensions and pin configuration.

Diagram of MMSD/MMSDT connector showing dimensions and pin configuration.

Diagram of MMSD/MMSDT connector showing dimensions and pin configuration.

Diagram of MMSD/MMSDT connector showing dimensions and pin configuration.

(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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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