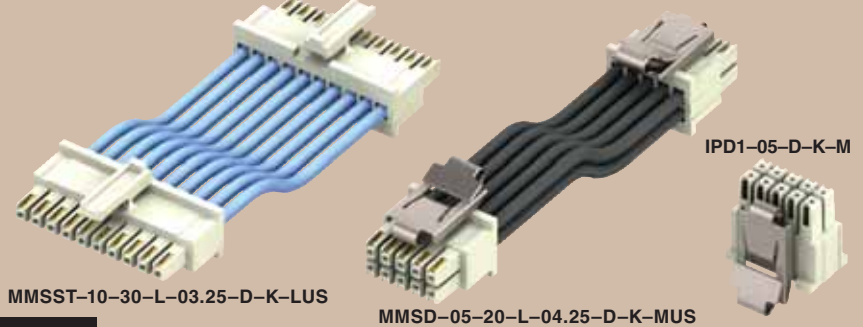




(2,54mm) .100"

MMSD, MMSDT, MMSS, MMSST, IPD1 SERIES



DISCRETE WIRE CABLE ASSEMBLY

Mates with: IPL1
(Does not mate with IPT1)

SPECIFICATIONS

For complete specifications see www.samtec.com?MMSD, www.samtec.com?MMSDT, www.samtec.com?MMSS, www.samtec.com?MMSST or www.samtec.com?IPD1

Insulator Material: Nylon 66
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27µm) Ni
Operating Temp Range: -55°C to +105°C (20-26 AWG)
-55°C to +80°C (28-30 AWG)
-55°C to +125°C (*Teflon®)
Voltage Rating: 22 to 30 AWG = 300 VAC/424 VDC
20 AWG = 600 VAC/848 VDC (PVC)
Wire: 20 to 30 AWG
RoHS Compliant: Yes



CURRENT RATING	
AMBIENT TEMP	MMSD/IPL1
20°C	7.4A
40°C	6.5A
60°C	5.9A
95°C	3.8A

6 POSITIONS (2x3)
20 AWG POWERED

APPLICATION SPECIFIC OPTION

- Other color coded cables (*Teflon® N/A).
- Other sizes/pin counts.
- With or without Plug Polarization (omit pin 1).
- Other Gold plating options. Call 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: For wiring option information refer to drawing on web.

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, -05, -10,	-20 -22 -24	-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail	- "XX.XX" = Assembly Length in Inches (82,55mm) 03.25" min.	-S = Single End -D = Double End (Latch Required)	-K = Keyed Polarization	
MMSDT = Double Row *Teflon® Cable (24, 28 & 30 AWG only)	-15, -16, -20, -25	-24C = Color Coded Cable -26 -28 -30	-D-K-MUS				
MMSS = Single Row PVC Cable							
MMSST = Single Row *Teflon® Cable (24, 28 & 30 AWG only)							

Dimensions:
No. of positions x (2,54) .100
25 + (1,40) .055 01
(8,89) .350
(2,54) .100
(12,83) .505

Assembly Length:
+ (3,18) .125

Options:
-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

RUGGEDIZED by SAMTEC
• Individually shrouded contacts
• Metal or plastic latches

TYPE	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION	TYPE	WIRE GAUGE	01	PLATING OPTION
IPD1 = Body, Loose	-02, -05, -10, -15, -16, -20, -25	-S = Single Row -D = Double Row	-K = Keyed Polarization	-M = Metal Latch (Leave blank for plastic latch)	CC79L = Contact, Loose CC79R = Contact, Full Reel (15,000 Parts per Reel)	-2630 = 26 to 30 AWG -2024 = 20 to 24 AWG		-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

HAND TOOLS
20 to 24 AWG: CAT-HT-179-2024-11
26 to 30 AWG: CAT-HT-179-2630-11

Dimensions:
(12,83) .505
(7,24) .285
(17,93) .706
(1,57) .062 DIA
(1,91) .075
(1,52) .060
(3,81) .150
(3,17) .1250

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

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