

MINI MATE® CABLE MMSS, MMSS, IPD1 SERIES

SPECIFICATIONS

Mates with:
IPL1 (Does not mate with IPT1)

For complete specifications see www.samtec.com?MMSSD, www.samtec.com?MMSS 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)

Voltage Rating: 675 VAC

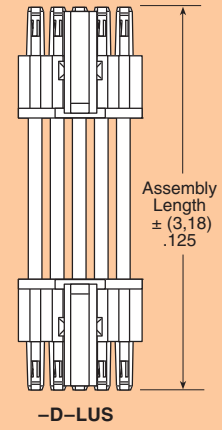
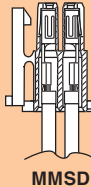
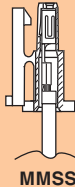
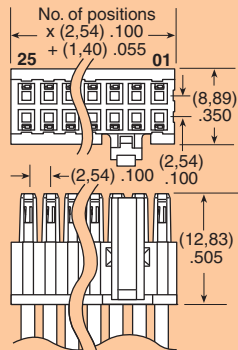
Wire: 20 to 30 AWG

RoHS Compliant: Yes



CURRENT RATING		
AMBIENT TEMP	MMSS/IPL1	MMSSD/IPL1
20°C	6.8A	5.8A
40°C	6.0A	5.2A
60°C	5.3A	4.5A
95°C	3.6A	3.0A

MMSS 6 POSITIONS IN LINE POWERED
MMSS 2x3 CLUSTER POWERED



- OPTION**
- (Available on -D end option only. Applies to End 2 housing)
- LUS** = Latch up, straight
- LDS** = Latch down, straight
- LUX** = Latch up, crossed
- LDX** = Latch down, crossed
- P** = Polarization (N/A with -LUS, -LDS, LUX)

APPLICATION SPECIFIC OPTION

Other color coded cables. 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

TYPE	POSITIONS PER ROW	ROW OPTION	OPTION	TYPE	WIRE GAUGE	01	PLATING OPTION
IPD1 = Body, Loose	-02, -05, -10, -15, -20, -25 (-D only)	-S = Single Row	-P = Polarization (-D only)	CC79L = Contact, Loose	-2630 = 30 to 26 AWG		-S = 30µ" (0,76µm) Gold on contact, Tin on tail
	-02, -05, -10 (-S only)	-D = Double Row		CC79R = Contact, Full Reel (15,000 Parts per Reel)	-2024 = 24 to 20 AWG		

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

Note: Some lengths, styles and options are non-standard, non-returnable.

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

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