



MINI MATE® CABLE MMSS, MMSD, IPD1 SERIES

SPECIFICATIONS

Mates with:
IPL1 (Does not mate with IPT1)

For complete specifications see www.samtec.com?MMSD, 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 | MMSD/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
MMSD 2x3 CLUSTER POWERED

| TYPE | PINS PER ROW | WIRE GAUGE | PLATING OPTION | ASSEMBLY LENGTH | END OPTION | K | OTHER OPTION |
|----------------------|---|---|---------------------------------------|--|--|----------------------------|---|
| MMSD = Double Row | -02, -05, -10, -15, -20, -25 | -20 -22 -24 -24C = Color Coded Cable -26 -28 -30 | -S = 30µ" (0,76µm) Gold on contact | - "XX.XX" = Assembly Length in Inches (82,55mm) 03.25" min. | -S = Single End -D = Double End | -K = Keyed Polarization | (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 |

APPLICATION SPECIFIC OPTION

- Other color coded cables.
- With or without Plug Polarization (omit pin 1). 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 | K | TYPE | WIRE GAUGE | 01 | PLATING OPTION |
|-----------------------|---|--|----------------------------|--|--|----|--|
| IPD1 = Body, Loose | -02, -05, -10, -15, -20, -25 (-D only) -02, -05, -10 (-S only) (Call Samtec for other sizes) | -S = Single Row -D = Double Row | -K = Keyed Polarization | CC79L = Contact, Loose CC79R = Contact, Full Reel (15,000 Parts per Reel) | -2630 = 30 to 26 AWG -2024 = 24 to 20 AWG | | -S = 30µ" (0,76µm) Gold on contact, Tin on tail |

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.

WWW.SAMTEC.COM