



MINI MATE® CABLE MMSD, MMSS, 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 +125°C

Voltage Rating: 675 VAC mated with IPL1

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**

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

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	OPTION
MMSD = Double Row	-02, -05, -10, -15, -20, -25	-20 -22 -24 -26 -28 -30	-S = 30µ" (0,76µm) Gold on contact	-“XX.XX” = Assembled Length in Inches (82,55mm) 03.25" min.	-S = Single End -D = Double End	(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

Technical drawings showing dimensions for MMSD, MMSS, and -D-LUS components. Dimensions include: (8,89) .350, (2,54) .100, (12,83) .505, (2,54) .100, (1,40) .055, (6,35) .250, (7,24) .285, (17,93) .706, (1,57) .062 DIA, (1,91) .075, (3,81) .150, (3,17) .1250, (1,52) .060.

TYPE	POSITIONS PER ROW	ROW OPTION	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	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

Technical drawings showing dimensions for IPD1, CC79L, and CC79R components. Dimensions include: (8,89) .350, (2,54) .100, (12,83) .505, (6,35) .250, (7,24) .285, (17,93) .706, (1,57) .062 DIA, (1,91) .075, (3,81) .150, (3,17) .1250, (1,52) .060.

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

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