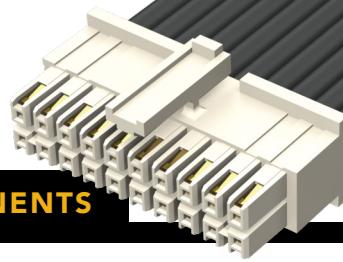


miniMATE®

(2.54 mm) .100" PITCH • DISCRETE WIRE CABLE & COMPONENTS



SERIES	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, -10, -12, -15, -16, -20, -25 (Standard sizes)	-20 -20C = Color Coded Cable (MMSD & MMSS only)	-F = Gold flash on contact, Tin on tail	-"XX.XX" = Assembly Length in Inches (82.55 mm) 03.25" min.	-S = Single Ended	-K = Keyed Polarization	(Metal latches for more rugged environments; -02, -05 & -10 positions only)
MMSDT = Double Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only)			-L = 10 μ " (0.25 μ m) Gold on contact, Tin on tail		-D = Double Ended (Latch Required)	-M = Single Ended, Metal Latches (Leave blank for plastic)	
MMSS = Single Row PVC Cable		-22, -24 -24C = Color Coded Cable (MMSD & MMSS only)					Double Ended (-D) Crossed requires MMSD/MMSDT
MMSST = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)		-26, -28 -28C = Color Coded Cable (MMSD & MMSS only)				-LUS = Plastic Latch up, straight	
MMSD, MMSDT, MMSS, MMSST Board Mates: IPL1 (Does not mate with IPT1) Cable Mates: MMTD(T), MMTS(T)		-30				-LDS = Plastic Latch down, straight	

SPECIFICATIONS

Insulator Material:

Nylon 66

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over 50 μ " (1.27 μ m) Ni

Operating Temp Range:

-10 °C to +80 °C (PVC)
-40 °C to +125 °C (*Teflon™)

Current Rating:

4.8 A (2 pins powered)

Voltage Rating:

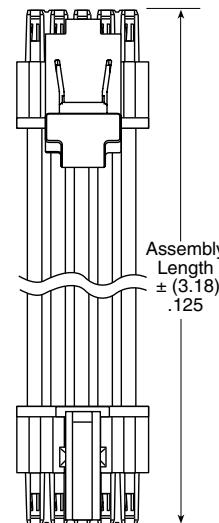
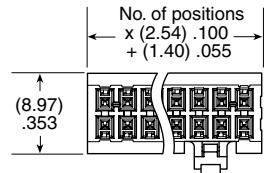
275 VAC/389 VDC

*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

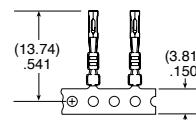
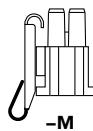
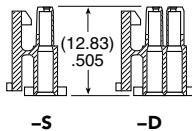
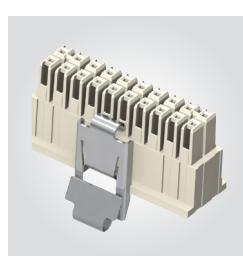
-20C, -24C, -28C CABLE COLOR CODING

PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT



View complete specifications at: samtec.com?MMSD, samtec.com?MMSDT, samtec.com?MMSS & samtec.com?MMSST

IPD1	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION	SERIES	WIRE GAUGE	01	PLATING OPTION
	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-S = Single Row	-K = Keyed Polarization	-M = Metal Latch (Metal for more rugged environments) (-02, -05 & -10 positions only) (Leave blank for plastic latch)	CC79L = Contact, Loose	-2630 = 26 to 30 AWG	-F = Gold flash on contact, Tin on tail	
		-D = Double Row			CC79R = Contact, Full Reel (12,000 Parts per Reel)	-2024 = 20 to 24 AWG	-L = 10 μ " (0.25 μ m) Gold on contact, Tin on tail	



TOOLING

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

Hand Tool: CAT-HT-179-2030-13 (20-30 AWG)

Mini Applicator: CAT-MC-179-2024-XX-01 (20-24 AWG)

Mini Applicator: CAT-MC-179-2630 XX-01 (26-30 AWG)

Extraction Tool: CAT-EX-179-01

View complete specifications at: samtec.com?IPD1, samtec.com?CC79L & samtec.com?CC79R

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