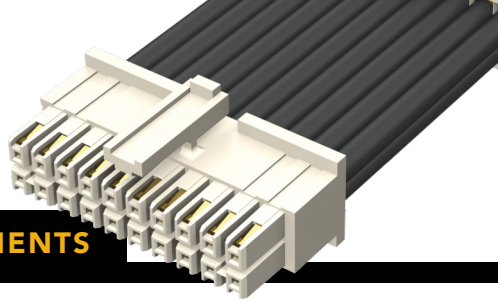
miniMATE®



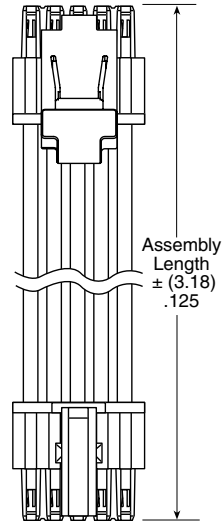
(2.54 mm) .100" PITCH • DISCRETE WIRE CABLE & COMPONENTS

SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
MMSD = Double Row PVC Cable **MMSDT** = Double Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only) **MMSS** = Single Row PVC Cable **MMSST** = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)	**–02, –03, –04, –05, –06, –08, –10, –12, –15, –16, –20, –25** (Standard sizes)	**–20** = Color Coded Cable (MMSD & MMSS only) **–20C** = Color Coded Cable (MMSD & MMSS only) **–22, –24** **–24C** = Color Coded Cable (MMSD & MMSS only) **–26, –28** **–28C** = Color Coded Cable (MMSD & MMSS only) **–30**	**–F** = Gold flash on contact, Tin on tail **–L** = 10 µ" (0.25 µm) Gold on contact, Tin on tail	**–"XX.XX"** = Assembly Length in Inches (82.55 mm) 03.25" min.	**–S** = Single Ended **–D** = Double Ended (Latch Required)	**–K** = Keyed Polarization	(Metal latches for more rugged environments; –02, –05 & –10 positions only) **–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

MMSD, MMSDT, MMSS, MMSST
Board Mates:
IPL1
(Does not mate with IPT1)
Cable Mates:
MMTD(T), MMTS(T)

–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

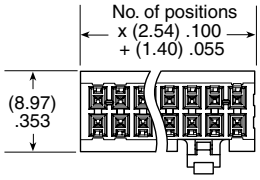


SPECIFICATIONS

Insulator Material:
Nylon 66
Contact Material:
Phosphor Bronze
Plating: Au or Sn over 50 µ" (1.27 µm) 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

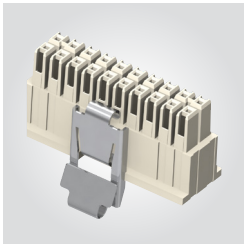
*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

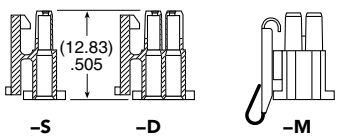
Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.



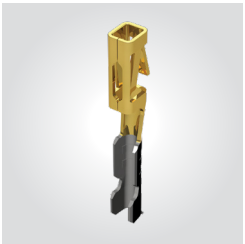
View complete specifications at: **samtec.com?MMSD**, **samtec.com?MMSDT**, **samtec.com?MMSS** & **samtec.com?MMSST**

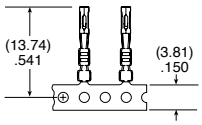
IPD1	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION
	–02, –03, –04, –05, –06, –08, –10, –12, –15, –16, –20, –25 (Standard sizes)	**–S** = Single Row **–D** = Double Row	**–K** = Keyed Polarization	**–M** = Metal Latch (Metal for more rugged environments) (–02, –05 & –10 positions only) (Leave blank for plastic latch)





SERIES	WIRE GAUGE	01	PLATING OPTION
CC79L = Contact, Loose **CC79R** = Contact, Full Reel (12,000 Parts per Reel)	**–2630** = 26 to 30 AWG **–2024** = 20 to 24 AWG		**–F** = Gold flash on contact, Tin on tail **–L** = 10 µ" (0.25 µm) Gold on contact, Tin on tail







TOOLING

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

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

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.