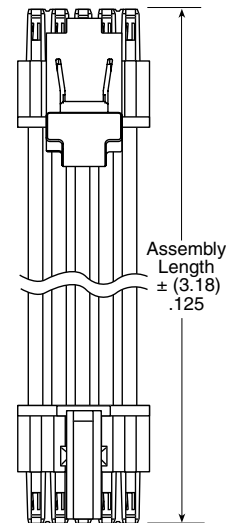
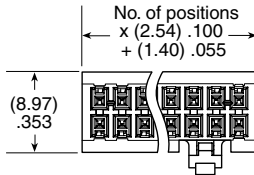


SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
<b>MMSD</b> = Double Row PVC Cable	<b>-02, -03,</b> <b>-04, -05,</b> <b>-06, -08,</b> <b>-10, -12,</b> <b>-15, -16,</b> <b>-20, -25</b> (Standard sizes)	<b>-20</b> = Color Coded Cable (MMSD & MMSS only)	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Tin on tail	<b>-"XX.XX"</b> = Assembly Length in Inches (82.55 mm) 03.25" min.	<b>-S</b> = Single Ended  <b>-D</b> = Double Ended (Latch Required)	<b>-K</b> = Keyed Polarization	(Metal latches for more rugged environments; -02, -05 & -10 positions only)  <b>-M</b> = Single Ended, Metal Latches (Leave blank for plastic)  Double Ended (-D) Crossed requires MMSD/MMSDT  <b>-LUS</b> = Plastic Latch up, straight  <b>-LDS</b> = Plastic Latch down, straight  <b>-LUX</b> = Plastic Latch up, crossed  <b>-LDX</b> = Plastic Latch down, crossed  <b>-MUS</b> = Metal Latch up, straight  <b>-MDS</b> = Metal Latch down, straight  <b>-MUX</b> = Metal Latch up, crossed  <b>-MDX</b> = Metal Latch down, crossed
<b>MMSDT</b> = Double Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only)		<b>-20C</b> = Color Coded Cable (MMSD & MMS only)					
<b>MMSS</b> = Single Row PVC Cable		<b>-22, -24</b>					
<b>MMSST</b> = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)		<b>-24C</b> = Color Coded Cable (MMSD & MMSS only)					
<b>MMSD, MMSDT, MMSS, MMSST</b> Board Mates: IPL1 (Does not mate with IPT1) Cable Mates: MMTD(T), MMTS(T)		<b>-26, -28</b>  <b>-28C</b> = Color Coded Cable (MMSD & MMSS only)					
		<b>-30</b>					

-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)

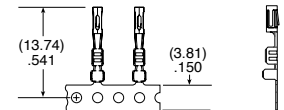
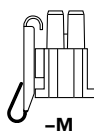
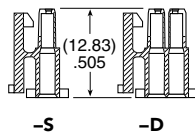
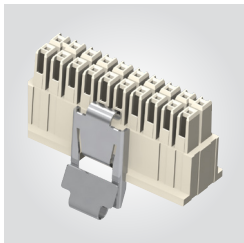
**Voltage Rating:**  
275 VAC/389 VDC

\*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](http://samtec.com?MMSD), [samtec.com?MMSDT](http://samtec.com?MMSDT), [samtec.com?MMSS](http://samtec.com?MMSS) & [samtec.com?MMSST](http://samtec.com?MMSST)

IPD1	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION	SERIES	WIRE GAUGE	01	PLATING OPTION
	<b>-02, -03, -04,</b> <b>-05, -06, -08,</b> <b>-10, -12, -15,</b> <b>-16, -20, -25</b> (Standard sizes)	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>-K</b> = Keyed Polarization	<b>-M</b> = Metal Latch (Metal for more rugged environments) (-02, -05 & -10 positions only) (Leave blank for plastic latch)	<b>CC79L</b> = Contact, Loose  <b>CC79R</b> = Contact, Full Reel (12,000 Parts per Reel)	<b>-2630</b> = 26 to 30 AWG  <b>-2024</b> = 20 to 24 AWG		<b>-L</b> = 10 μ" (0.25 μm) 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](http://samtec.com?IPD1), [samtec.com?CC79L](http://samtec.com?CC79L) & [samtec.com?CC79R](http://samtec.com?CC79R)

# Mouser Electronics

Authorized Distributor

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[MMSD-02-20-L-78.74-S-K](#) [MMSD-02-28-L-05.00-D-K-LDX](#)