



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)	-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
MMSDT = Double Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only)		-24C = Color Coded Cable (MMSD & MMSS only)					
MMSS = Single Row PVC Cable		-26, -28					
MMSST = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)		-28C = Color Coded Cable (MMSD & MMSS only)					
MMSD, MMSDT, MMSS, MMSST Board Mates: IPL1 (Does not mate with IPT1) Cable Mates: MMTD(T), MMTS(T)		-30					

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.

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 -D = Double 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 CC79R = Contact, Full Reel (12,000 Parts per Reel)	-2630 = 26 to 30 AWG -2024 = 20 to 24 AWG		-L = 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, samtec.com?CC79L & samtec.com?CC79R

Mouser Electronics

Authorized Distributor

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[IPD1-15-D](#) [IPD1-04-S-K](#) [IPD1-05-D-K](#) [IPD1-06-D](#) [IPD1-03-D-K](#) [IPD1-10-D-K](#) [IPD1-05-D](#) [IPD1-04-D-K](#) [IPD1-02-D-](#)
[P](#) [IPD1-09-D-P](#) [IPD1-11-D](#) [IPD1-18-D](#) [IPD1-22-D](#) [IPD1-12-D-P](#) [IPD1-09-D-K](#) [IPD1-03-D](#) [IPD1-04-D](#) [IPD1-24-D](#)
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[K](#) [IPD1-17-S-R](#) [IPD1-25-S-K](#) [IPD1-05-D-GP](#) [IPD1-14-D-GP](#) [IPD1-24-D-GP](#) [IPD1-15-D-P](#) [IPD1-07-D-K](#) [IPD1-22-D-](#)
[K](#) [IPD1-02-D-R](#) [IPD1-09-S-K-R](#) [IPD1-19-S-K](#) [IPD1-21-S-K](#) [IPD1-23-S-K-R](#) [IPD1-18-D-K-R](#) [IPD1-16-D-P](#) [IPD1-04-](#)
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[S](#) [IPD1-10-S](#) [IPD1-11-D-K](#) [IPD1-12-D-K](#) [IPD1-13-D-K](#) [IPD1-05-D-K-R](#) [IPD1-08-S-K-R](#) [IPD1-11-S-K-R](#) [IPD1-11-S-R](#)
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