



**THE DATASHEET OF  
IPD1-04-D-K**





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>-20</b>	<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>-K</b> = Keyed Polarization	(Metal latches for more rugged environments; -02, -05 & -10 positions only)
<b>MMSDT</b> = Double Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG only)	<b>-06, -08,</b> <b>-10, -12,</b> <b>-15, -16,</b>	<b>-20C</b> = Color Coded Cable (MMSD & MMSS only)			<b>-D</b> = Double Ended (Latch Required)		<b>-M</b> = Single Ended, Metal Latches (Leave blank for plastic)
<b>MMSS</b> = Single Row PVC Cable	<b>-20, -25</b> (Standard sizes)	<b>-22, -24</b>					Double Ended (-D) Crossed requires MMSD/MMSDT
<b>MMSST</b> = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28, 30 AWG)		<b>-24C</b> = Color Coded Cable (MMSD & MMSS only)					<b>-LUS</b> = Plastic Latch up, straight
<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>-LDS</b> = Plastic Latch down, straight
		<b>-28C</b> = Color Coded Cable (MMSD & MMSS only)					<b>-LUX</b> = Plastic Latch up, crossed
		<b>-30</b>					<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

  

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  
**Voltage Rating:** 300 VAC

\*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

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

**Not:** Some lengths, styles and options are non-standard, non-returnable.

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)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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