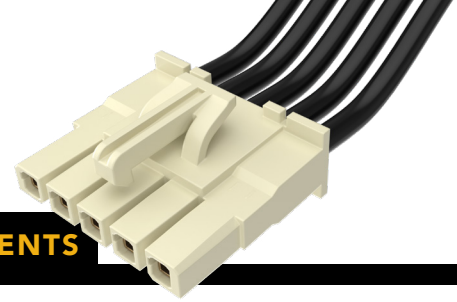




## (4.19 mm) .165" PITCH • WIRE TO BOARD ASSEMBLY/COMPONENTS

| SERIES                                                                             | PINS PER ROW                                                                                                                  | WIRE GAUGE                                                                                    | K                                    | ASSEMBLED LENGTH                                                        | END OPTION                                                                                  | LATCH OPTION                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PMSD</b><br>= Double Row PVC Cable                                              | <b>-02,</b><br><b>-03, -04,</b><br><b>-05, -08,</b><br><b>-10, -15*</b><br>(Standard sizes)<br>*Only available for double row | <b>-16</b><br><b>-18</b><br><b>-206</b><br>(20 AWG/<br>600 volts)<br><b>-22</b><br><b>-24</b> | <b>-K</b><br>= Keyed<br>Polarization | <b>-"XX.XX"</b><br>= Wire length in<br>inches (88.90 mm)<br>03.50" min. | <b>-S</b><br>= Single<br>Ended<br><br><b>-D</b><br>= Double<br>Ended<br>(Latch<br>Required) | <b>-LUS</b><br>= Plastic Latch up, straight<br><br><b>-LDS</b><br>= Plastic Latch down, straight<br><br><b>-LUX*</b><br>= Plastic Latch up, crossed<br><br><b>-LDX*</b><br>= Plastic Latch down, crossed<br><br>*(PMSD/PMSDT only) |
| <b>PMSDT</b><br>= Double Row Blue *Teflon™<br>Fluoropolymer Cable<br>(24 AWG only) |                                                                                                                               |                                                                                               |                                      |                                                                         |                                                                                             |                                                                                                                                                                                                                                    |
| <b>PMSS</b><br>= Single Row PVC Cable                                              |                                                                                                                               |                                                                                               |                                      |                                                                         |                                                                                             |                                                                                                                                                                                                                                    |
| <b>PMSST</b><br>= Single Row Blue *Teflon™<br>Fluoropolymer Cable<br>(24 AWG)      |                                                                                                                               |                                                                                               |                                      |                                                                         |                                                                                             |                                                                                                                                                                                                                                    |

**PMSD, PMSDT,  
PMSS, PMSST**  
Board Mates:  
IPBT

### SPECIFICATIONS

**Insulator Material:**  
Valox 457

**Contact Material:**  
Phosphor Bronze

**Plating:**

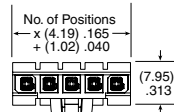
Sn over 50 μ" (1.27 μm) Ni

**Operating Temp Range:**

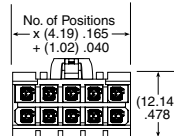
-10 °C to +105 °C (PVC)

-40 °C to +105 °C

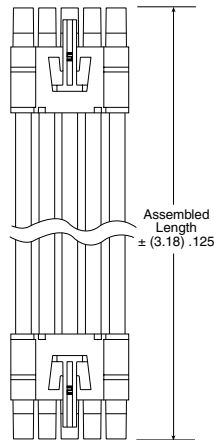
(Teflon™ Fluoropolymer)



PMSD/PMSST



PMSD/PMSDT



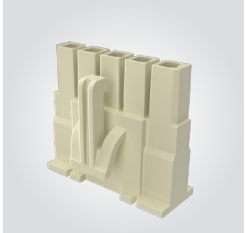
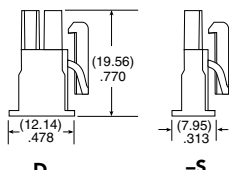
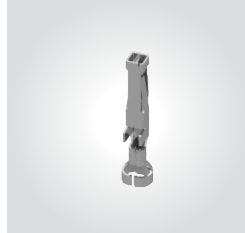
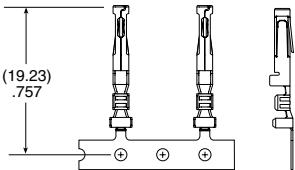
| PMSD/IPBT       |                          |                       |
|-----------------|--------------------------|-----------------------|
| WIRE GAUGE      | CURRENT RATING (PER PIN) | VOLTAGE RATING        |
| 16 AWG          | *10.4 A                  | 300 VAC/424 VDC (PVC) |
| 18 AWG          | *8.8 A                   |                       |
| 22 AWG          | *5.7 A                   |                       |
| 24 AWG          | *5.2 A                   |                       |
| *2 PINS POWERED |                          |                       |

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

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

For wiring option information refer to drawing on web.

View complete specifications at: [samtec.com?PMSD](http://samtec.com?PMSD), [samtec.com?PMSDT](http://samtec.com?PMSDT), [samtec.com?PMSS](http://samtec.com?PMSS) & [samtec.com?PMSST](http://samtec.com?PMSST)

| IPBD                                                                                                                                                                    | POSITIONS PER ROW                                                      | ROW OPTION                                                 | K                                    | SERIES                                                                                                                                                                     | WIRE GAUGE                                                           | 01 | T                  | SP |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----|--------------------|----|
|                                                                                                                                                                         | <b>-02, -03, -04, -05,</b><br><b>-08, -10, -15</b><br>(Standard sizes) | <b>-S</b><br>= Single Row<br><br><b>-D</b><br>= Double Row | <b>-K</b><br>= Keyed<br>Polarization | <b>CC69L</b><br>= Contact, Loose<br><br><b>CC69R</b><br>= Contact, Full Reel<br>(4,000 Parts per<br>Reel)                                                                  | <b>-2024</b><br>= 20 to 24 AWG<br><br><b>-1620</b><br>= 16 to 20 AWG |    | <b>-T</b><br>= Tin |    |
|   |                                                                        |                                                            |                                      |   |                                                                      |    |                    |    |

### TOOLING

Hand Tool: CAT-HT-169-1620-13 (16-20 AWG)  
Hand Tool: CAT-HT-169-2024-13 (20-24 AWG)

Mini Applicator: CAT-MC-169-1620-XX-02 (16-20 AWG)  
Mini Applicator: CAT-MC-169-2024-XX-01 (20-24 AWG)  
Extraction Tool: CAT-EX-169-01

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

View complete specifications at: [samtec.com?IPBD](http://samtec.com?IPBD), [samtec.com?CC69L](http://samtec.com?CC69L) & [samtec.com?CC69R](http://samtec.com?CC69R)