

POWERMATE®

(4.19 mm) .165"

PMSD, PMSDT, PMSS, PMSST SERIES

# POWER MATE® CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?PMSSD](http://www.samtec.com?PMSSD), [www.samtec.com?PMSDT](http://www.samtec.com?PMSDT), [www.samtec.com?PMSS](http://www.samtec.com?PMSS) or [www.samtec.com?PMSST](http://www.samtec.com?PMSST)

**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®)

**Voltage Rating:**

22 & 24 AWG =

300 VAC/424 VDC (PVC)

16, 18 & 20 AWG =

424 VAC/600 VDC (PVC)

24 AWG =

300 VAC/424 VDC (\*Teflon®)

**Wire:**

16 to 24 AWG

**RoHS Compliant:**

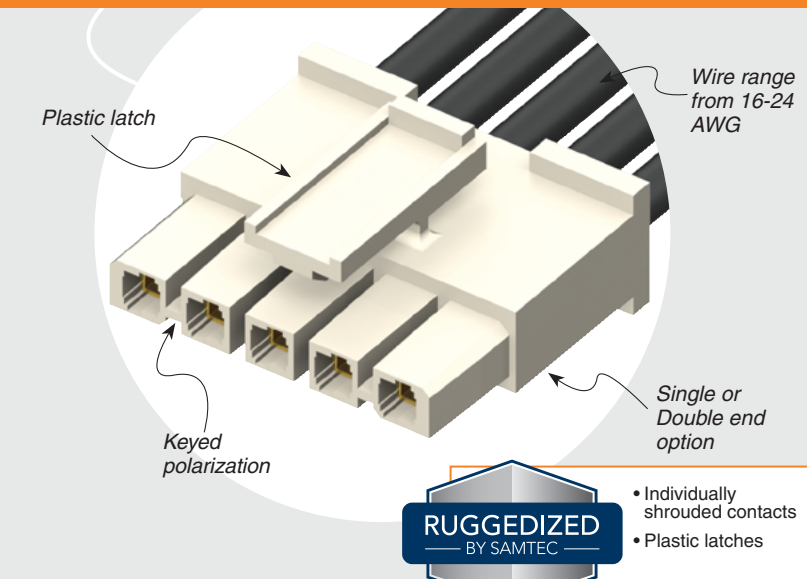
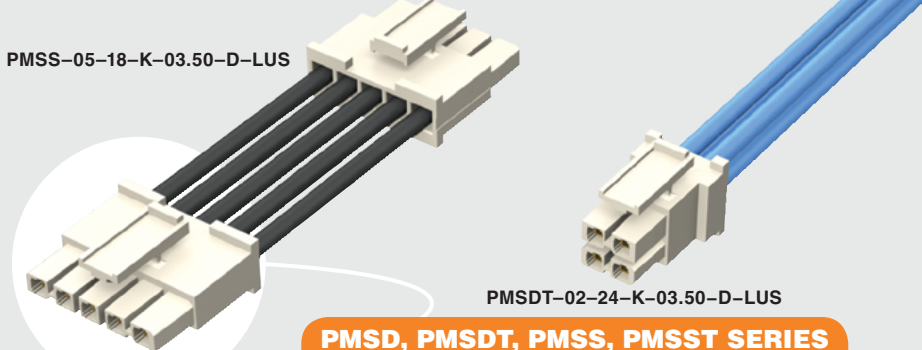
Yes

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

Mates with:

IPBT

| PMSD/IPBT      |                          |
|----------------|--------------------------|
| WIRE GAUGE     | CURRENT RATING (PER PIN) |
| 16 AWG         | 10.3 A                   |
| 18 AWG         | 8.8 A                    |
| 22 AWG         | 5.7 A                    |
| 24 AWG         | 5.2 A                    |
| 2 PINS POWERED |                          |



- Individually shrouded contacts
- Plastic latches

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## COMPONENTS

- For body, see [www.samtec.com?IPBD](http://www.samtec.com?IPBD)
- For contacts, see [www.samtec.com?CC69L](http://www.samtec.com?CC69L) [www.samtec.com?CC69R](http://www.samtec.com?CC69R)

## ALSO AVAILABLE (MOQ Required)

- Color coded cables (\*Teflon® N/A)
- Other sizes/pin counts
- 20 AWG/300 Volts

**Notes:**

For wiring option information refer to drawing on web.

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

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

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

PMSD/PMSST

PMSD/PMSDT

-D-LUS

Due to technical progress, all designs, specifications and components are subject to change without notice.