

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:**

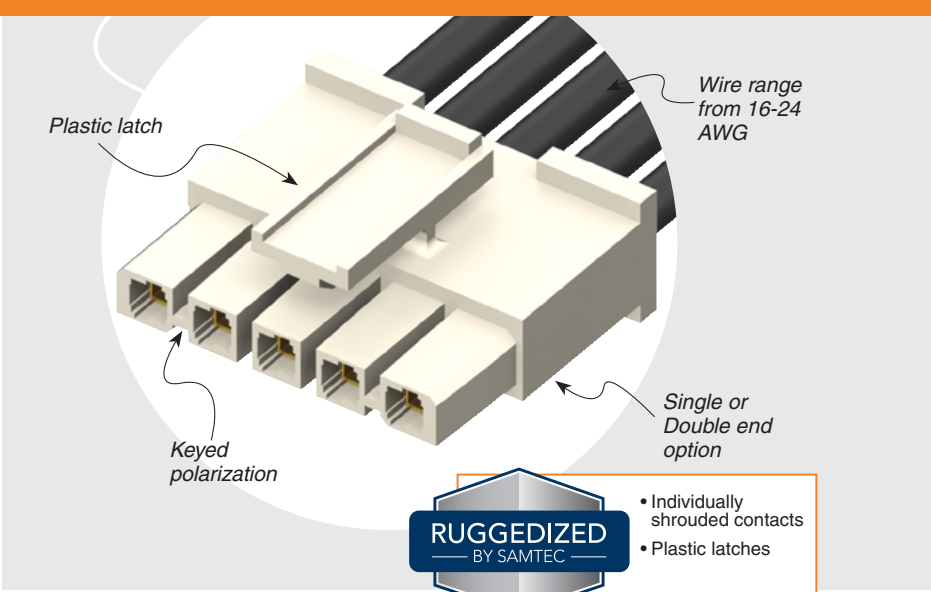
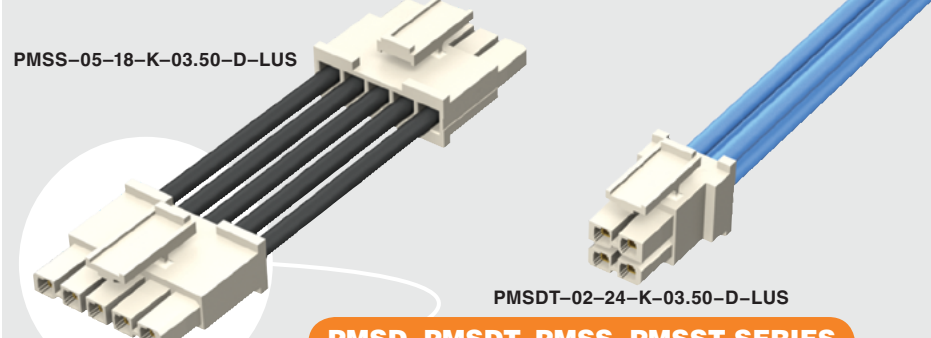
Yes

\*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	



**RUGGEDIZED**  
BY SAMTEC

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

PMS/PMSST

PMSD/PMSDT

-D-LUS

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