

POWERMATE®

(4.19 mm) .165"

PMSD, PMSDT, PMSS, PMSST SERIES

POWER MATE® CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?PMSSD, www.samtec.com?PMSDT, www.samtec.com?PMSS or 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®)

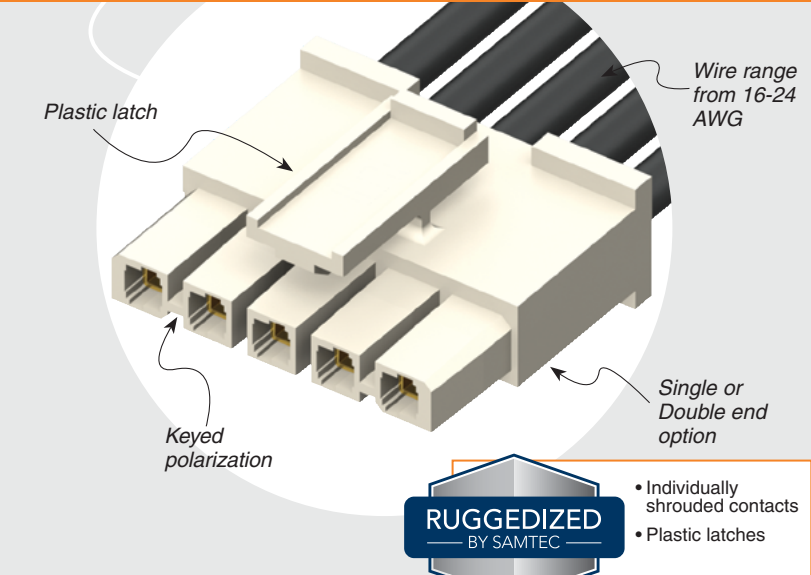
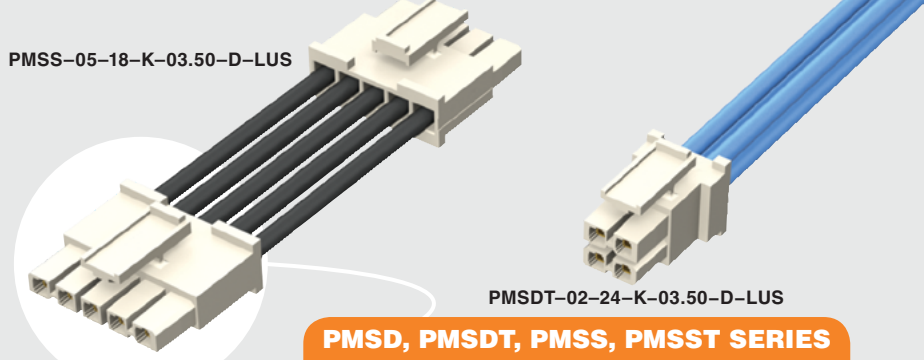
Voltage Rating:
22 & 24 AWG = 300 VAC/424 VDC (PVC)
16, 18 & 20 AWG = 424 VAC/600 VDC (PVC)
24 AWG = 300 VAC/424 VDC (*Teflon®)

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



COMPONENTS

- For body, see www.samtec.com?IPBD
- For contacts, see www.samtec.com?CC69L
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
PMSD = 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)

PMSD/PMSDT

PMSS/PMSST

PMSD/PMSDT

-D-LUS

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

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