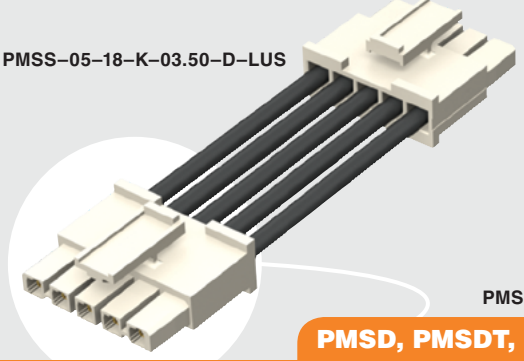
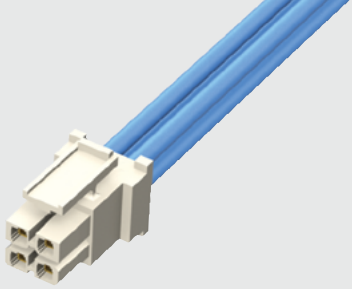
samtec

POWERMATE®





(4.19 mm) .165"

PMSD, PMSDT, PMSS, PMSST SERIES

POWER MATE® CABLE ASSEMBLY

SPECIFICATIONS

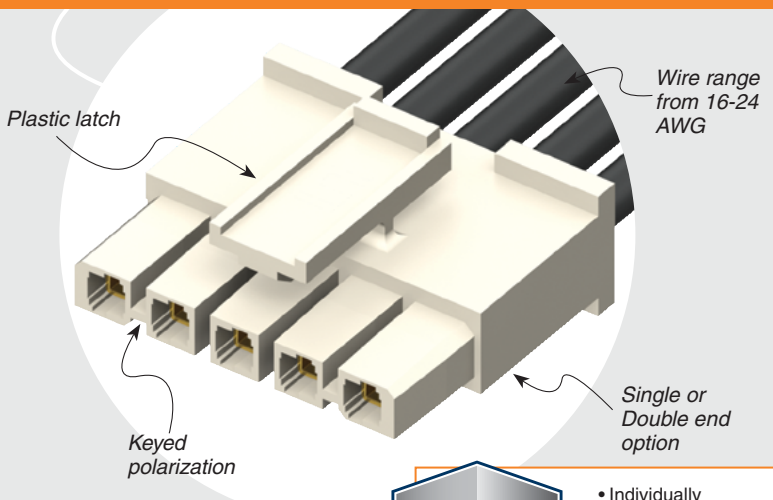
For complete specifications see www.samtec.com?PMSD, www.samtec.com?PMSDT, www.samtec.com?PMSS or www.samtec.com?PMSST

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	



RUGGEDIZED BY SAMTEC

- Individually shrouded contacts
- Plastic latches

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

COMPONENTS

- For body, see www.samtec.com?IPBD
- For contacts, see www.samtec.com?CC69L www.samtec.com?CC69R

ALSO AVAILABLE (MOQ Required)

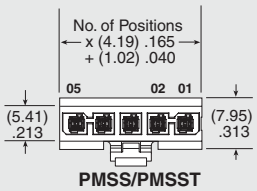
- Color coded cables (*Teflon® N/A)
- Other sizes/pin counts
- 20 AWG/300 Volts

Notes:
For wiring option information refer to drawing on web.

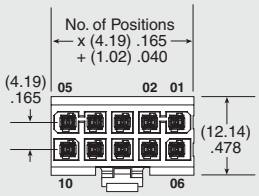
Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

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

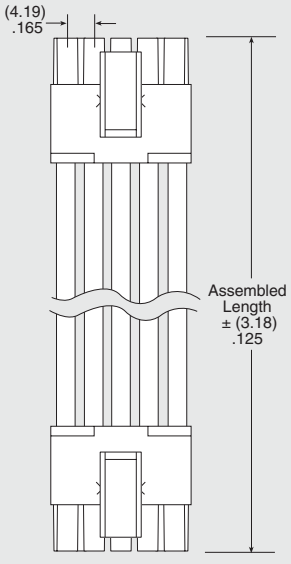
TYPE	PINS PER ROW	WIRE GAUGE	K	ASSEMBLED LENGTH	END OPTION	LATCH OPTION
PMSD = Double Row PVC Cable **PMSDT** = Double Row *Teflon® Cable (24 AWG only) **PMSS** = Single Row PVC Cable **PMSST** = Single Row *Teflon® Cable (24 AWG only)	–02, –03, –04, –05, –08, –10, –15* (Standard sizes) *Only available 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)



PMSS/PMST



PMSD/PMSDT



–D–LUS

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.