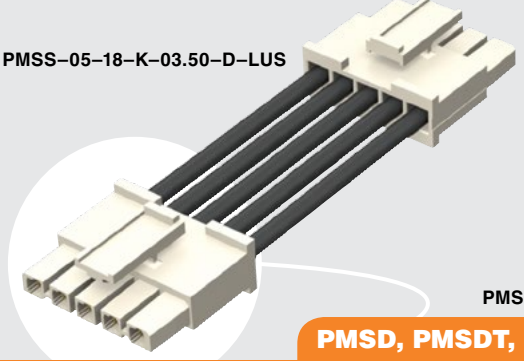
POWERMATE®



(4.19 mm) .165"

PMSD, PMSDT, PMSS, PMSST SERIES

POWER MATE® CABLE ASSEMBLY

SPECIFICATIONS

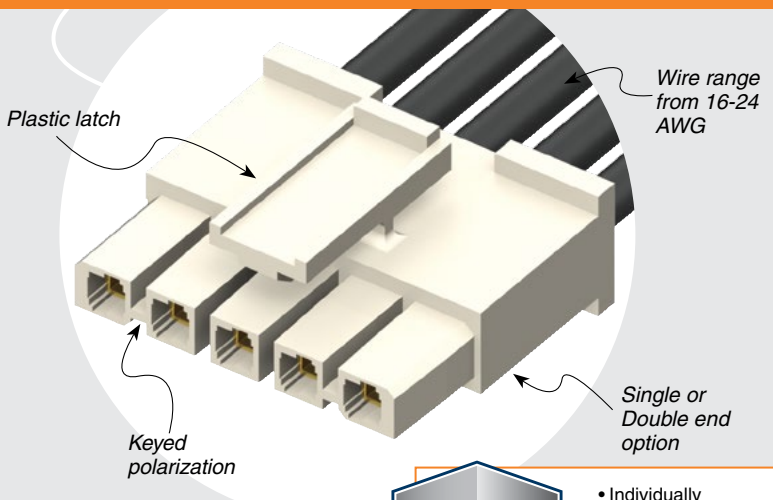
Mates with:
IPBT

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.

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

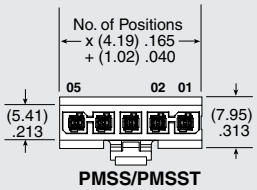
FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

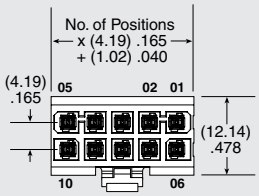
- Color coded cables (*Teflon® N/A)
- Other sizes/pin counts
- 20 AWG/300 Volts

Contact Samtec.

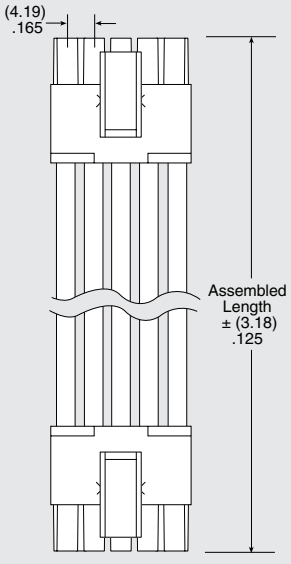
TYPE	PINS PER ROW	WIRE GAUGE	K	ASSEMBLED LENGTH	END OPTION	LATCH OPTION
PMSD = Double Row PVC Cable **PMSDT** = Double Row *Teflon® Cable (24 AWG only) **PMSS** = Single Row PVC Cable **PMSST** = Single Row *Teflon® Cable (24 AWG only)	–02, –03, –04, –05, –08, –10, –15* (Standard sizes) *Only available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



PMSD/PMSDT



–D–LUS

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.

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

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.