

PMSDT-02-24-K-03.50-D-LUS

PMSD, PMSDT, PMSS, PMSST SERIES

POWER MATE® CABLE ASSEMBLY

Mates with:
IPBT

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

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 (

16,18 & 20 AWG =

424 VAC/600 VDC
24 AWG

24 AWG =

300 VAC/424 V

Wire:
10-24 AWG

16 t
DeL

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

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



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

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

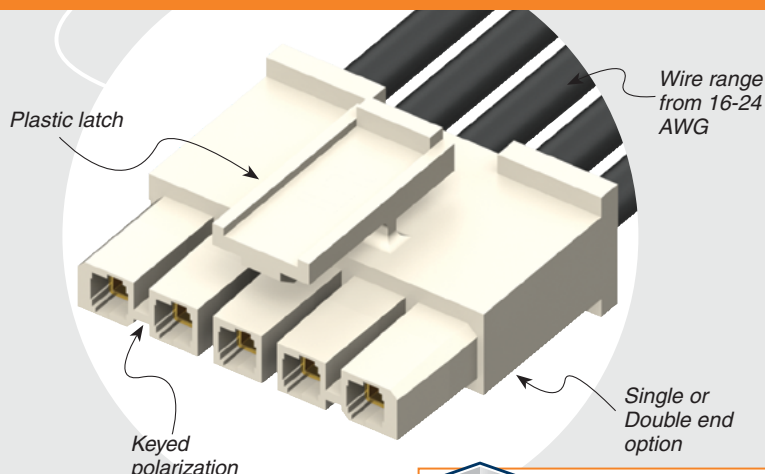
Notes:

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.

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

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)

Technical drawings of cable connectors showing dimensions and pin configurations.

PMSD/PMSDT (Double Row):

- No. of Positions x (4.19) .165 + (1.02) .040
- Pin positions: 05, 02, 01
- Overall dimensions: (5.41) .213 and (7.95) .313

PMSS/PMSST (Single Row):

- No. of Positions x (4.19) .165 + (1.02) .040
- Pin positions: 05, 02, 01
- Overall dimensions: (4.19) .165 and (12.14) .478

Technical drawing of a cable with a plastic latch (LUS/LDS/LUX/LDX).

- Dimensions: (4.19) .165
- Assembled Length $\pm$ (3.18) .125

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

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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.