



(4,19mm) .165"

PMSD, PMSDT, PMSS, PMSST SERIES

PMSST-05-24-SP-03.50-D

PMSD-10-18-SP-03.50-D-MUS

DISCRETE WIRE POWER 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 50µ"

(1.27µm) Ni

Operating Temp Range:

-35°C to +105°C (PVC)

-55°C to +125°C (*Teflon®)

Voltage Rating:

22 & 24 AWG =

300 VAC/424 VDC (PVC)

16, 18 & 20 AWG =

600 VAC/848 VDC (PVC)

24 AWG =

300 VAC/424 VDC (*Teflon®)

Wire:

16 to 24 AWG

RoHS Compliant:

Yes



Mates with:
IPBT



- Individually shrouded contacts
- Metal or plastic latches

Metal or
plastic latch

Wire range
from 16-24
AWG

Single or
Double end
option

CURRENT RATING		
AMBIENT TEMP	PMSD/ IPBT	PMSDT/ IPBT
20°C	12.1A	12A
40°C	10.5A	10.5A
60°C	8.7A	8.7A
75°C	7A	7A
	6 POS. (2x3) 16 AWG	6 POS. (2x3) 18 AWG
	POWERED	POWERED

APPLICATION SPECIFIC OPTION

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

*Teflon® is a trademark of Dupont.

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

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

TYPE	PINS PER ROW	WIRE GAUGE	LEAD STYLE	ASSEMBLED LENGTH	END OPTION	LATCH OPTION
PMSD = Double Row PVC Cable	-02, -03, -04, -05, -08, -10, -15	-16 -18 -206 (20 AWG/ 600 volts)	-SP = Standard Power	-“XX.XX” = Wire Length in Inches (88,90mm) 03.50" min.	-S = Single End -D = Double End (Latch required)	
PMSDT = Double Row *Teflon® Cable (24 AWG only)		-22 -24				
PMSS = Single Row PVC Cable (-02, -03, -04, -05)						
PMSST = Single Row *Teflon® Cable (24 AWG only)						

PMSD/PMSDT

PMSS/PMSST

-D-MUS

-D-LUS

(Metal latches for more rugged environments)

Single Ended,
-M = Metal Latches PMSD/ PMSDT only
(Leave blank for plastic)

-LUS = Plastic Latch up, straight

-LDS = Plastic Latch down, straight

-LUX* = Plastic Latch up, crossed

-LDX* = Plastic Latch down, crossed

-MUS = Metal Latch up, straight

-MDS = Metal Latch down, straight

-MUX* = Metal Latch up, crossed

-MDX* = Metal Latch down, crossed
(* PMSD/PMSDT only)

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

WWW.SAMTEC.COM