

(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	
PMSDT = Double Row *Teflon® Cable (24 AWG only)		-22 -24			-D = Double End (Latch required)	
PMSS = Single Row PVC Cable (-02, -03, -04, -05)						
PMSST = Single Row *Teflon® Cable (24 AWG only)						

PMSD/PMSDT

PMSS/PMSST

-D-MUS

Assembled Length ± (3,18) .125

-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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683