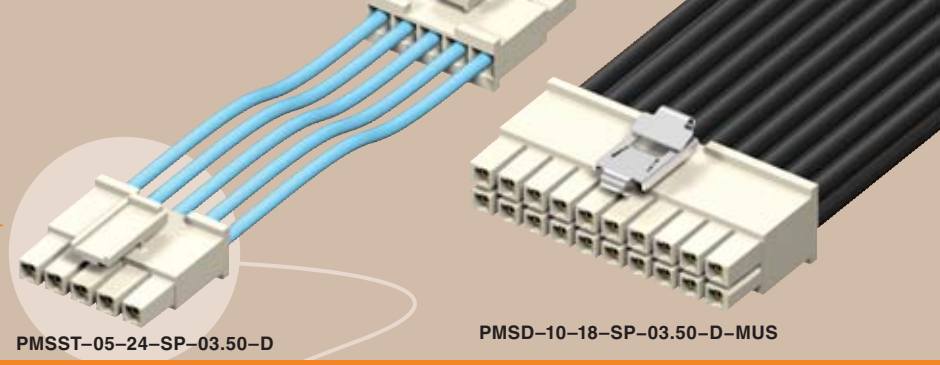
samtec

POWER MATE®

(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

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 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

FILE NO. E111594

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 POWERED	6 POS. (2x3) 18 AWG POWERED

APPLICATION SPECIFIC OPTION

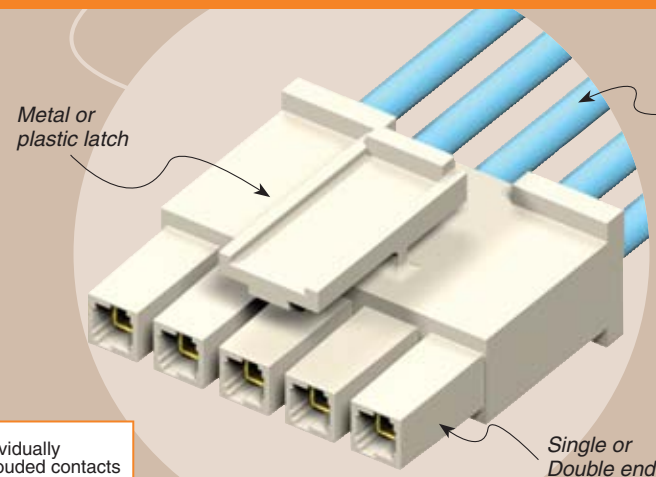
- Color coded cables (*Teflon® N/A).
- Other sizes/pin counts.
- 20 AWG/300 Volts

Call Samtec.

*Teflon® is a trademark of Dupont.

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

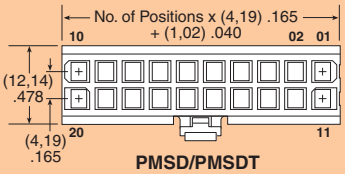
Note: Some lengths, styles and options are non-standard, non-returnable.



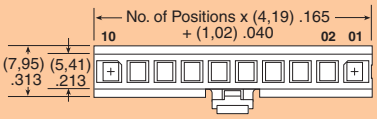
RUGGEDIZED by SAMTEC

- Individually shrouded contacts
- Metal or plastic latches

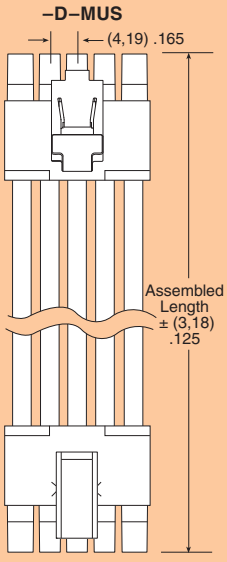
TYPE	PINS PER ROW	WIRE GAUGE	LEAD STYLE	ASSEMBLED LENGTH	END OPTION	LATCH OPTION
PMSD = Double Row PVC Cable **PMSDT** = Double Row *Teflon® Cable (24 AWG only) **PMSS** = Single Row PVC Cable (–02, –03, –04, –05) **PMSST** = Single Row *Teflon® Cable (24 AWG only)	–02, –03, –04, –05, –08, –10, –15	–16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



PMSD/PMSDT



PMSS/PMSST



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

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