



(4,19mm) .165"

PMSD, PMSDT, PMSS, PMSST, IPBD SERIES

DISCRETE WIRE POWER CABLE ASSEMBLY

Mates with:
IPBT

SPECIFICATIONS

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

Insulator Material:

Valox 457

Contact Material:

Phosphor Bronze

Plating:

Sn over 50µm

(1,27µm) Ni

Operating Temp Range:

-55°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



TYPE	PINS PER ROW	WIRE GAUGE	LEAD STYLE	ASSEMBLED LENGTH	END OPTION	LATCH OPTION
PMSD = Double Row PVC Cable	-02, -03, -04, -05, -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 (18 AWG only)		-22 -24				
PMSS = Single Row PVC Cable (-02, -03, -04, -05)						
PMSST = Single Row *Teflon® Cable (24 AWG only)						

No. of Positions x (4,19) .165
+ (1,02) .040

(12,14) .478

(4,19) .165

20 11

PMSD/PMSDT

No. of Positions x (4,19) .165
+ (1,02) .040

(5,41) .213

(7,95) .313

10 02 01

PMSS/PMSSST

-D-MUX

(4,19) .165

Assembled Length ± (3,18) .125

-D-LUS

-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)

• Individually shrouded contacts

• Metal or plastic latches

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.

TYPE	POSITIONS PER ROW	ROW OPTION	LATCH OPTION	TYPE	WIRE GAUGE	01	T	LEAD STYLE
IPBD = Body, Loose	-02, -03, -04, -05, -10, -15 (-D only)	-S = Single Row -D = Double Row	-M = Metal Latch (Leave blank for plastic latch)	CC69L = Contact, Loose	-2024 = 20 to 24 AWG		-T = Tin	-SP = Standard Power
	-02, -03, -04, -05 (-S only)			CC69R = Contact, Full Reel (4,000 Parts per Reel)	-1620 = 16 to 20 AWG			

(19,56) .770

-S

(12,32) .485

-D

-M

HAND TOOLS

16 to 20 AWG:
CAT-HT-169-1620-11

20 to 24 AWG:
CAT-HT-169-2024-11

(13,21) .520

(19,23) .757

(1,57) .062 DIA

(3,81) .150

(1,91) .075

(5,40) .2125

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

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