

(4.19 mm) .165"

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

PMSS, PMSDT, PMSS, PMSST SERIES

POWER MATE® CABLE ASSEMBLY

SPECIFICATIONS

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

Insulator Material:

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 (PVC)

16, 18 & 20 AWG =

424 VAC/600 VDC (PVC)

24 AWG =

300 VAC/424 VDC (*Teflon®)

Wire:

16 to 24 AWG

RoHS Compliant:

Yes

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

Mates with:
IPBT

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	

Plastic latch

Wire range from 16-24 AWG

Keyed polarization

Single or Double end option

RUGGEDIZED
BY SAMTEC

- Individually shrouded contacts
- Plastic latches

RECOGNITIONS

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



COMPONENTS

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

ALSO AVAILABLE (MOQ Required)

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

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.

TYPE

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)

PINS PER ROW

-02,
-03, -04,
-05, -08,
-10, -15*
(Standard sizes)
*Only available for double row

WIRE GAUGE

-16
-18
-206
(20 AWG/
600 volts)
-22
-24

K

-K
= Keyed
Polarization

ASSEMBLED LENGTH

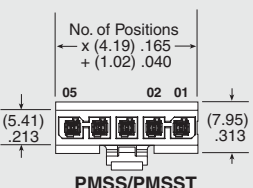
-“XX.XX”
= Wire
Length in Inches
(88.90 mm)
03.50" min.

END OPTION

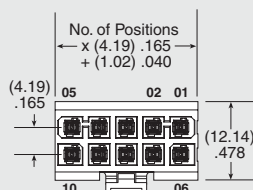
-S
= Single End
-D
= Double End
(Latch required)

LATCH OPTION

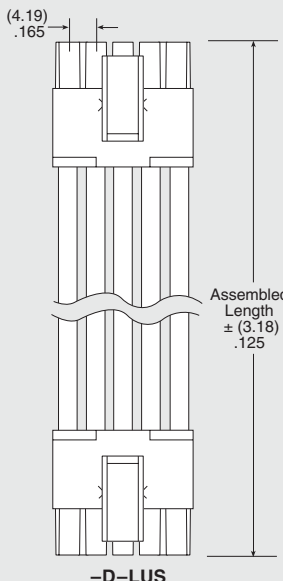
-LUS
= Plastic Latch up, straight
-LDS
= Plastic Latch down, straight
-LUX*
= Plastic Latch up, crossed
-LDX*
= Plastic Latch down, crossed
*(PMSD/PMSDT only)



PMS/PMSST



PMSD/PMSDT



-D-LUS

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

WWW.SAMTEC.COM

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.