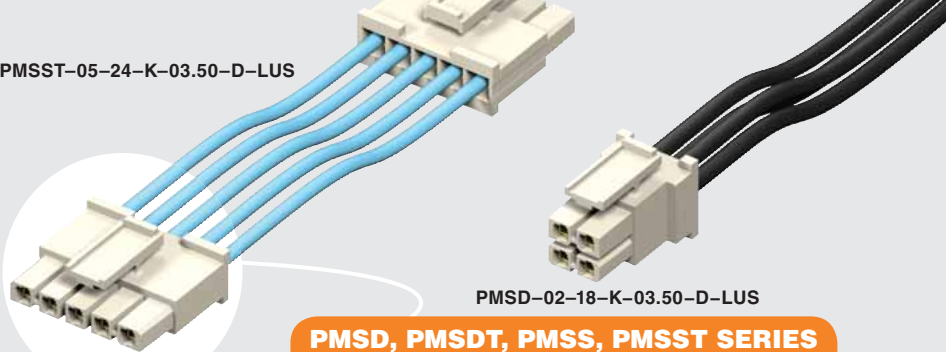




(4.19 mm) .165"

PMSST-05-24-K-03.50-D-LUS



PMSD-02-18-K-03.50-D-LUS

PMSD, PMSDT, PMSS, PMSST SERIES

# POWER MATE® CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?PMSD](http://www.samtec.com?PMSD), [www.samtec.com?PMSDT](http://www.samtec.com?PMSDT), [www.samtec.com?PMSS](http://www.samtec.com?PMSS) or [www.samtec.com?PMSST](http://www.samtec.com?PMSST)

### Insulator Material:

Valox 457

### Contact Material:

Phosphor Bronze

### Plating:

Sn over 50µ" (1.27 µm) Ni

### Operating Temp Range:

-30°C to +105°C (PVC)

-40°C to +105°C (\*Teflon®)

### Voltage Rating:

22 &amp; 24 AWG =

300 VAC/424 VDC (PVC)

16, 18 &amp; 20 AWG =

600 VAC/848 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                    |
| 1 PIN POWERED PER ROW |                          |

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](http://www.samtec.com/quality)



FILE NO. E111594



FILE NO. 090871\_0\_000

## ALSO AVAILABLE (MOQ Required)

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

### 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.

