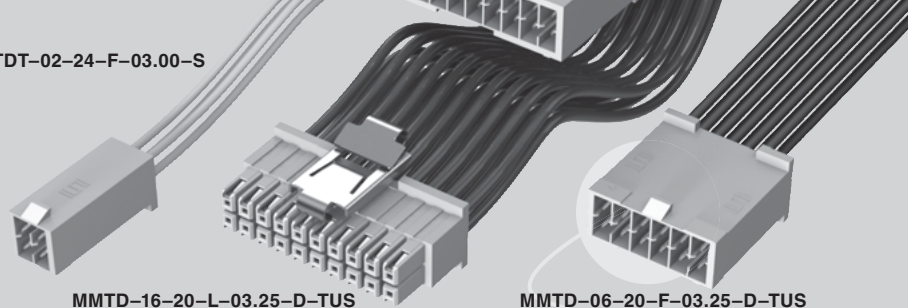


# samtec



(2,54 mm) .100"

MMTDT-02-24-F-03.00-S



MMTD-16-20-L-03.25-D-TUS

MMTD-06-20-F-03.25-D-TUS

MMTD, MMTDT, MMTS, MMTST SERIES

## MINI MATE® CABLE ASSEMBLY

### SPECIFICATIONS

For complete specifications see [www.samtec.com?MMTD](http://www.samtec.com?MMTD), [www.samtec.com?MMTDT](http://www.samtec.com?MMTDT), [www.samtec.com?MMTS](http://www.samtec.com?MMTS) or [www.samtec.com?MMTST](http://www.samtec.com?MMTST)

#### Insulator Material:

Nylon, White

#### Contact Material:

Phosphor Bronze

#### Wire:

20 to 30 AWG

#### Plating:

Au over 50µ" (1,27 µm) Ni

#### Operating Temp Range:

-10°C to +105°C (20-26 AWG)

-10°C to +80°C (28-30 AWG)

-40°C to +125°C (\*Teflon®)

#### Voltage Rating:

600 VAC

#### RoHS Compliant:

Yes

Mates with:  
MMSD(T), MMSS(T)

-TXS Mates with:  
IPL1



- Individually shrouded contacts
- Metal latches

Single or Double  
row available

Single or  
Double ended

(2,54 mm)  
.100" pitch

### RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



### ALSO AVAILABLE (MOQ Required)

- Different pin counts and wiring configurations
  - Other color coded cables
  - Other Gold platings
  - Panel Mount options
  - Guide Post options
- Contact Samtec.

### APPLICATION

#### -24C CABLE COLOR CODING (PVC CABLE ONLY)

| PIN | COLOR  |
|-----|--------|
| 1   | BROWN  |
| 2   | RED    |
| 3   | ORANGE |
| 4   | YELLOW |
| 5   | GREEN  |
| 6   | BLUE   |
| 7   | VIOLET |
| 8   | GRAY   |
| 9   | WHITE  |
| 10  | BLACK  |
| ETC | REPEAT |

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

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

| TYPE                                     | PINS PER ROW                                                                                  | WIRE GAUGE                                                                  | PLATING OPTION                                                                | ASSEMBLY LENGTH                                                                                                | END OPTION                                     | OPTION                                                                                                                  |
|------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>MMTD</b><br>= Double Row<br>PVC Cable | -02, -03,<br>-04, -05,<br>-06, -08,<br>-10, -12,<br>-15, -16,<br>-20, -25<br>(Standard sizes) | -20<br>-22<br>-24<br>-24C<br>= Color<br>Coded<br>Cable<br>-26<br>-28<br>-30 | -F<br>= Gold flash<br>on contact<br>-L<br>= 10µ" (0,25 µm)<br>Gold on contact | - "XX.XX"<br>= Assembly<br>Length in<br>Inches<br>-S= (76,2 mm)<br>03.00" min.<br>-D= (82,6 mm)<br>03.25" min. | -S<br>= Single<br>End<br>-D<br>= Double<br>End | (Only available<br>with -D)<br>-TUS<br>= Socket<br>on End 2,<br>latch up<br>-TDS<br>= Socket<br>on End 2,<br>latch down |

MMTD(T)

MMTS(T)

-TUS OPTION

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 +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329  
 SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
 SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292  
 SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385  
 SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904658 SAMTEC KOREA • Tel: +82 31 717 5685