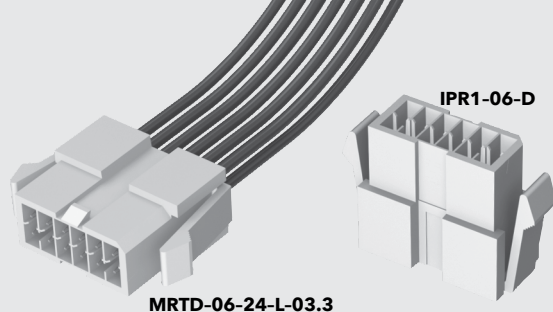


Samtec

miniMATE®

(2.54 mm) .100"



MRTD-06-24-L-03.3

IPR1-06-D

T1M74-L-01-F

MRTD, MRTDT, IPR1, T1M74-L, T1M74-R SERIES

WIRE TO BOARD PANEL MOUNT CABLES

Mates with:
MMSD(T)

SPECIFICATIONS

For complete specifications see
www.samtec.com?MRTD
or www.samtec.com?MRTDT

Insulator Material:

Nylon 66

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over
50 μ" (1.27 μm) Ni

Operating Temp Range:

-10 °C to +80 °C (PVC)

-40 °C to +125 °C

(*Teflon™ Fluoropolymer)

Current Rating:

4.8 A per pin

(2 pins powered)

Voltage Rating:

275 VAC/389 VDC

Wire: 20 to 30 AWG

RoHS Compliant: Yes

*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

RECOGNITIONS

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



Note: *Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	PINOUT
MRTD = Double Row PVC Cable	-02, -03, -04, -05, -06, -08, -10, -12, -15 (Standard sizes)	-20 -20C♦ (MRTD only) -22 -24 -24C♦ (MRTD only) -26 -28 -28C♦ (MRTD only) -30	-L = 10 μ" (0.25 μm) Gold on contact	- "XX.X" = Assembly Length in Inches Single ended = (76.2 mm) 03.0" min. Double ended = (84.0 mm) 03.3" min.	Leave blank for single ended cable assembly. -L1 = Plastic Transfer Latch up, straight -L4 = Plastic Transfer Latch down, straight

MRTD/MRTDT

END 1
END 2

APPLICATION

Note: Acceptable panel thickness of (0.84 mm) .0329" to (2.28 mm) .0897"

SPECIFICATIONS

For complete specifications see
www.samtec.com?IPR1,
www.samtec.com?T1M74-L
or www.samtec.com?T1M74-R

RECOGNITIONS

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



TOOLING

- Hand Tool:
CAT-HT-174-2030-13
- Mini Applicator (20-24 AWG):
CAT-MC-174-2024-XX-01
- Mini Applicator (26-30 AWG):
CAT-MC-174-2630-XX-01
- Extraction Tool:
CAT-EX-74-01

TYPE	PINS PER ROW	D	TYPE	WIRE GAUGE	PLATING OPTION
IPR1 = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15 (Standard sizes)	-D = Double Row	T1M74-L = Contact, Loose T1M74-R = Contact, Full Reel (15,300 Parts per Reel)	-01 = 26 to 30 AWG -02 = 20 to 24 AWG	-F = Gold flash on contact -L = 10 μ" (0.25 μm) Gold on contact

Insulator Material: Nylon

Contact Material: Phosphor Bronze