



T1M74-L-01-F

(2.54 mm) .100"

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

# PANEL MOUNT DISCRETE WIRE CABLE

Mates with:  
MMSD(T)

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MRTD](http://www.samtec.com?MRTD) or [www.samtec.com?MRTDT](http://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:**

-40 °C to +105 °C (PVC)

-55 °C to +125 °C

(\*Teflon™ Fluoropolymer)

**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](http://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
<b>MRTD</b> = 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**

**MMSD**

**APPLICATION**

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

## SPECIFICATIONS

For complete specifications see [www.samtec.com?IPR1](http://www.samtec.com?IPR1), [www.samtec.com?T1M74-L](http://www.samtec.com?T1M74-L) or [www.samtec.com?T1M74-R](http://www.samtec.com?T1M74-R)

## RECOGNITIONS

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

TYPE	PINS PER ROW	D
<b>IPR1</b> = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15 (Standard sizes)	-D = Double Row

**Insulator Material:** Nylon

TYPE	WIRE GAUGE	PLATING OPTION
<b>T1M74-L</b> = Contact, Loose	-01 = 26 to 30 AWG	-F = Gold flash on contact
<b>T1M74-R</b> = Contact, Full Reel (15,300 Parts per Reel)	-02 = 20 to 24 AWG	-L = 10 μ" (0.25 μm) Gold on contact

**Contact Material:** Phosphor Bronze

## 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