



(2.54 mm) .100"

MMTD, MMTDT, MMTS, MMTST, IPM1, T1M74-L, T1M74-R SERIES

# DISCRETE WIRE COMPONENTS & TOOLING

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

-TXS Mates with:  
IPL1

## 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 50 μ" (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

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

## RECOGNITIONS

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



TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	OPTION
<b>MMTD</b> = Double Row PVC Cable	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-20 -20C = Color Coded Cable (MMTD & MMTS only) -22 -24 -24C = Color Coded Cable (MMTD & MMTS only) -26 -28 -28C = Color Coded Cable (MMTD & MMTS only) -30	-F = Gold flash on contact -L = 10 μ" (0.25 μm) Gold on contact	-“XX.XX” = Assembly Length in Inches -S= (76.2 mm) 03.00" min. -D= (82.6 mm) 03.25" min.	-S = Single End -D = Double End	(Only available with -D) -TUS = Socket on End 2, latch up -TDS = Socket on End 2, latch down

**MMTD(T)**

**MMTS(T)**

**Notes:**  
Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

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

**APPLICATION**

-20C, -24C, -28C  
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

## SPECIFICATIONS

For complete specifications see [www.samtec.com?IPM1](http://www.samtec.com?IPM1), [www.samtec.com?T1M74-L](http://www.samtec.com?T1M74-L) or [www.samtec.com?T1M74-R](http://www.samtec.com?T1M74-R)

## 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	POSITIONS PER ROW	ROW OPTION	TYPE	WIRE GAUGE	PLATING OPTION
<b>IPM1</b> = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-S = Single Row -D = Double Row	<b>T1M74-L</b> = Contact, Loose <b>T1M74-R</b> = 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

**IPM1**