



(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, www.samtec.com?MMTDT, www.samtec.com?MMTS or 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



TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	OPTION
MMTD = 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)	-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
MMTDT = Double Row Blue *Teflon® Cable (20, 24, 28 & 30 Wire Gauge only)		-22 -24 -24C = Color Coded Cable (MMTD & MMTS only)				
MMTS = Single Row PVC Cable	MMTD(T) 	-26 -28 -28C = Color Coded Cable (MMTD & MMTS only)				
MMTST = Single Row Blue *Teflon® Cable (20, 24, 28 & 30 Wire Gauge only)	MMTS(T) 	-30				

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, www.samtec.com?T1M74-L or 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
IPM1 = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-S = Single Row -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