

Samtec

miniMATE®

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

T1M74-L-01-F

IPM1-08-D

(2.54 mm) .100"

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

DISCRETE WIRE COMPONENTS & TOOLING

Mates with:
MMSD(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 +80 °C (PVC)

-40 °C to +125 °C

Current Rating:

4.8 A per pin

(2 pins powered)

Voltage Rating:

275 VAC/389 VDC

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



FILE NO. ET11594

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 = 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)

MMTST
= Single Row
PVC Cable

MMTS
= Single Row
PVC Cable

MMTST
= Single Row
Blue *Teflon™
Fluoropolymer Cable
(20, 24, 28 & 30 Wire Gauge only)

MMTS
= Single Row
PVC Cable

MMTST
= Single Row
Blue *Teflon™
Fluoropolymer Cable
(20, 24, 28 & 30 Wire Gauge only)

MMTD(T)

MMTST

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

No. of positions x (2.54) .100
+ (1.78) .070

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

IPM1

-D

-S

T1M74-L

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

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