

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

WIRE TO BOARD 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 μ m) 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

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. ET111594

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)	-F = Gold flash on contact -L = 10 μ " (0.25 μ m) 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™ Fluoropolymer Cable (20, 24, 28 & 30 Wire Gauge only)	MMTD(T) MMTS(T)	-22 = Color Coded Cable (MMTD & MMTS only)	Note: Some lengths, styles and options are non-standard, non-returnable.	APPLICATION -20C, -24C, -28C CABLE COLOR CODING (PVC CABLE ONLY) <table border="1"> <thead> <tr> <th>PIN</th> <th>COLOR</th> </tr> </thead> <tbody> <tr><td>1</td><td>BROWN</td></tr> <tr><td>2</td><td>RED</td></tr> <tr><td>3</td><td>ORANGE</td></tr> <tr><td>4</td><td>YELLOW</td></tr> <tr><td>5</td><td>GREEN</td></tr> <tr><td>6</td><td>BLUE</td></tr> <tr><td>7</td><td>VIOLET</td></tr> <tr><td>8</td><td>GRAY</td></tr> <tr><td>9</td><td>WHITE</td></tr> <tr><td>10</td><td>BLACK</td></tr> <tr><td>ETC</td><td>REPEAT</td></tr> </tbody> </table>	PIN	COLOR	1	BROWN	2	RED	3	ORANGE	4	YELLOW	5	GREEN	6	BLUE	7	VIOLET	8	GRAY	9	WHITE	10	BLACK	ETC	REPEAT
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MMTS = Single Row PVC Cable	-24 = Color Coded Cable (MMTD & MMTS only)																											
MMTST = Single Row Blue *Teflon™ Fluoropolymer Cable (20, 24, 28 & 30 Wire Gauge only)	-26 = Color Coded Cable (MMTD & MMTS only)																											
	-28 = Color Coded Cable (MMTD & MMTS only)																											
	-28C = Color Coded Cable (MMTD & MMTS only)																											
	-30																											

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

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 μ m) Gold on contact
-D -S					

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.