

Samtec

miniMATE®

T1M74-L-01-F

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

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 μ m) 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

MMTD
= Double Row
PVC Cable

MMTDT
= Double Row
Blue *Teflon®
Cable
(20, 24, 28 & 30
Wire Gauge only)

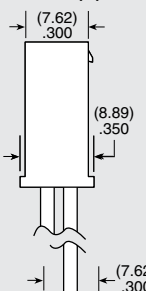
MMTS
= Single Row
PVC Cable

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

PINS PER ROW

-02, -03,
-04, -05,
-06, -08,
-10, -12,
-15, -16,
-20, -25
(Standard sizes)

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.

WIRE GAUGE

-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

PLATING OPTION

-F
= Gold flash
on contact

-L
= 10 μ "
(0.25 μ m)
Gold on
contact

ASSEMBLY LENGTH

-“XX.XX”
= Assembly
Length in
Inches
-S= (76.2 mm)
03.00" min.
-D= (82.6 mm)
03.25" min.

END OPTION

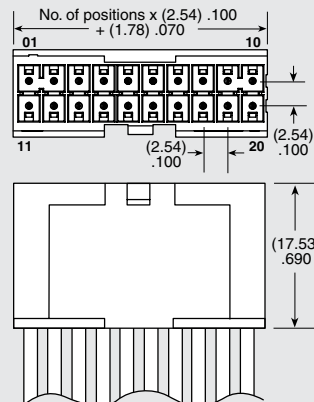
-S
= Single
End
-D
= Double
End

OPTION

(Only available
with -D)

-TUS
= Socket
on End 2,
latch up

-TDS
= Socket
on End 2,
latch down



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

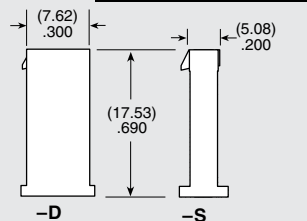
- Hand Tool:
CAT-HT-174-2030-13
- Mini Applicator (20-24 AWG):
CAT-MC-174-2024-XX-01
- Mini Applicator (26-30 AWG):
CAT-MC-174-2630-XX-01
- Extraction Tool:
CAT-EX-74-01

TYPE

IPM1
= Body,
Loose

POSITIONS PER ROW

-02, -03, -04,
-05, -06, -08,
-10, -12, -15,
-16, -20, -25
(Standard sizes)



ROW OPTION

-S
= Single
Row
-D
= Double
Row

TYPE

T1M74-L
= Contact,
Loose

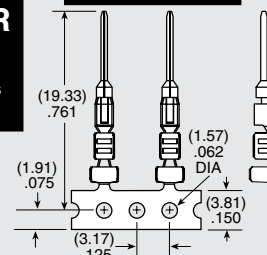
T1M74-R
= Contact,
Full Reel
(15,300 Parts
per Reel)

WIRE GAUGE

-01
= 26 to 30 AWG
-02
= 20 to 24 AWG

PLATING OPTION

-F
= Gold flash
on contact
-L
= 10 μ " (0.25 μ m)
Gold on contact



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[MMTS-04-24C-F-07.00-S](#) [MMTS-04-24C-F-12.00-S](#) [MMTS-04-22-F-12.00-D-TUS](#) [MMTS-02-26-F-08.00-S](#) [MMTS-02-20C-F-08.00-S](#) [MMTS-02-28-F-19.70-S](#) [MMTS-06-26-L-04.00-S](#) [MMTS-06-20-F-46.50-D-TUS](#) [MMTS-08-24C-L-12.00-S](#) [MMTS-02-30-L-04.00-S](#) [MMTS-06-28C-L-20.00-D-TUS](#) [MMTS-03-22C-L-16.00-S](#) [MMTS-08-20-F-03.00-S](#) [MMTS-02-30C-F-14.00-D-TUS](#) [MMTS-02-24-L-07.85-S](#) [MMTS-02-26-F-03.00-S](#) [MMTS-05-24C-L-16.00-S](#) [MMTS-04-24-L-36.00-S](#) [MMTS-03-26-F-40.00-S](#) [MMTS-02-28-F-12.00-S](#) [MMTS-16-22-F-06.00-S](#) [MMTS-04-26-L-05.91-D-TUS](#) [MMTS-02-24-L-12.00-D-TUS](#) [MMTS-03-22-F-06.00-S](#) [MMTS-02-20-F-30.00-S](#) [MMTS-10-24C-F-08.00-D-LUS](#) [MMTS-06-24-F-03.00-S](#) [MMTS-02-28-F-07.80-S](#) [MMTS-02-22-L-03.00-S](#) [MMTS-05-22-L-06.00-D-TUS](#) [MMTS-02-28C-F-12.00-S](#) [MMTS-06-20-F-40.00-D-TUS](#) [MMTS-03-30-L-04.00-S](#) [MMTS-05-24C-F-24.00-S](#) [MMTS-02-24C-F-07.00-S](#) [MMTS-08-20C-L-03.00-S](#) [MMTS-05-24-L-36.00-S](#) [MMTS-10-26-F-08.00-D-LDS](#) [MMTS-06-24C-F-08.00-D-LUS](#) [MMTS-02-30-F-14.00-D-TUS](#) [MMTS-03-22C-L-08.00-S](#)