

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

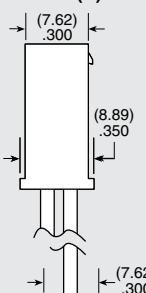
MMTST
= Single Row
Blue *Teflon®
Cable

(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

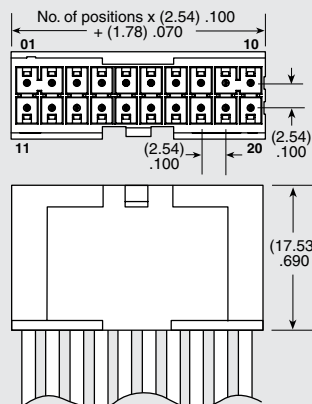
-S
= Single
End
-D
= Double
End

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

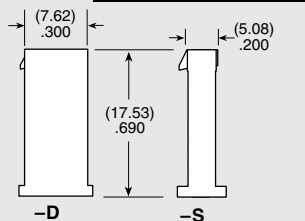
- Hand Tool:
CAT-HT-174-2030-13
- Mini Applicator (20-24 AWG):
CAT-MC-174-2024-XX-01
- Mini Applicator (26-30 AWG):
CAT-MC-174-2630-XX-01
- Extraction Tool:
CAT-EX-74-01

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)

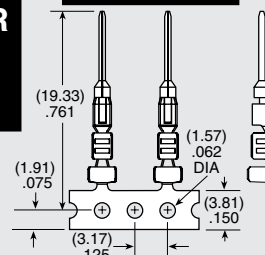
WIRE GAUGE

-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



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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Samtec:

[MMTD-02-20C-F-03.00-S](#) [MMTDT-10-28-L-15.00-S](#) [MMTDT-07-30-F-12.00-D-G-LDS](#) [MMTD-02-24C-L-24.00-S](#)
[MMTD-12-24C-F-72.00-S](#) [MMTDT-25-24-L-48.00-S](#) [MMTD-05-24C-L-07.00-D-TUS](#) [MMTD-04-24-L-06.00-S](#) [MMTDT-](#)
[05-24-L-15.00-S](#) [MMTD-05-24C-F-04.75-D-TUS](#) [MMTD-05-20-F-10.00-S](#) [MMTD-05-20-F-15.00-D-TDS](#) [MMTD-05-22-](#)
[F-05.00-D-TUS](#) [MMTD-05-24C-L-03.00-S](#) [MMTD-05-24-F-08.00-S](#) [MMTD-12-24-L-12.00-D-TDS](#) [MMTDT-05-24-L-](#)
[12.00-S](#) [MMTDT-10-20-F-03.00-S](#) [MMTD-02-22-F-10.00-D-TDS](#) [MMTD-03-20-F-12.00-D-TUS](#) [MMTD-03-20-F-12.00-](#)
[S](#) [MMTD-04-24-F-12.00-D-TDS](#) [MMTD-04-28-L-12.00-D-TUS](#) [MMTD-05-22-L-12.00-S](#) [MMTD-05-22-L-78.74-S](#)
[MMTD-05-26-L-03.25-D-TDS](#) [MMTD-02-26-F-04.00-S](#) [MMTD-05-20-F-06.00-S](#) [MMTD-05-24-L-30.00-S](#) [MMTD-05-26-](#)
[F-04.00-D-TDS](#) [MMTD-02-24-F-16.00-S](#) [MMTD-03-22-F-06.00-S](#) [MMTD-04-22-L-06.00-S](#) [MMTD-05-24C-F-08.00-D-](#)
[TUS](#) [MMTD-02-20-L-03.25-D-TUS](#) [MMTD-03-24-F-03.25-S](#) [MMTD-03-24-L-03.00-S](#) [MMTD-05-20-L-06.00-D-TDS](#)
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[TDS](#) [MMTD-02-20-L-19.80-S](#) [MMTD-02-22-F-10.00-D-TUS](#) [MMTD-02-22-L-06.00-S](#) [MMTD-03-22C-L-10.00-S](#)
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[06.00-S](#) [MMTD-08-20-L-28.00-D-TUS](#) [MMTD-15-24-F-24.00-D-TUS](#) [MMTD-25-24-F-35.00-S](#) [MMTDT-02-24-F-36.00-](#)
[S](#) [MMTDT-02-28-F-06.00-S](#) [MMTDT-25-24-S-06.00-S](#) [MMTD-02-20-F-03.00-S](#) [MMTD-02-24-F-03.00-S](#) [MMTD-02-](#)
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[22C-L-12.00-S](#) [MMTD-02-22-F-42.00-D-TUS](#) [MMTST-03-24-F-06.00-S](#) [MMTST-05-24-L-12.00-S](#) [MMTD-02-20-L-](#)
[24.00-D-TUS](#) [MMTD-02-22-F-04.00-D-TDS](#) [MMTD-03-22-F-08.00-S](#) [MMTD-05-22-F-10.00-D-TUS](#) [MMTST-02-24-L-](#)
[12.00-S](#) [MMTST-02-28-F-08.00-S](#) [MMTST-15-28-F-04.34-D-TUS](#) [MMTD-02-20-F-24.00-S](#) [MMTD-02-20-L-03.00-S](#)
[MMTD-02-24C-F-10.00-S](#) [MMTD-02-24C-F-16.00-D-TDS](#) [MMTD-03-22-L-10.00-S](#) [MMTD-05-20-F-16.00-D-TUS](#)
[MMTD-05-20-L-24.00-D-TDS](#) [MMTD-05-20-L-40.00-D-TUS](#) [MMTD-05-24-F-03.25-S](#) [MMTD-02-22-F-04.00-D-TUS](#)
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[F-03.00-S](#) [MMTD-05-22-F-12.00-S](#) [MMTD-05-22-L-06.00-S](#)