

miniMATE®

T1M74-L-01-F

MMSD-10-20-L-04.25-D-K-LUS

IPM1-08-D

(2.54 mm) .100"

IPM1, T1M74-L, T1M74-R, MSSD, MSSDT, MMSS, MMSST SERIES

DISCRETE WIRE COMPONENTS & TOOLING

SPECIFICATIONS

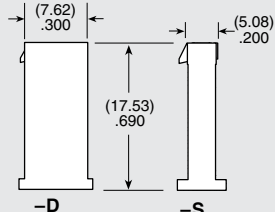
Insulator Material:
Nylon 66
Contact Material:
Phosphor Bronze

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

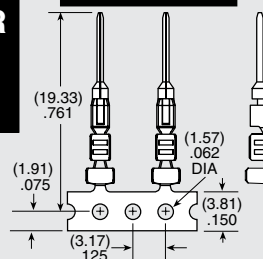
-01
= 26 to 30 AWG

-02
= 20 to 24 AWG

PLATING OPTION

-F
= Gold flash
on contact

-L
= 10 μ" (0.25 μm)
Gold on contact



Mates with:

IPL1, MMTD(T), MMTS(T)
(Does not mate with IPT1)

SPECIFICATIONS

Insulator Material:
Nylon 66
Contact Material:
Phosphor Bronze

Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-10 °C to +105 °C (PVC)
for 20, 22, 24, 26 AWG
-10 °C to +80 °C (PVC)
for 28, 30 AWG
-40 °C to +125 °C (*Teflon®)
Voltage Rating:
300 VAC
Wire:
20 to 30 AWG
RoHS Compliant:
Yes

*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

Notes:

Teflon® cable is intended for crimp only.

For wiring option information refer to drawing on web.

Some lengths, styles and options are non-standard, non-returnable.

TYPE

MMSD
= Double Row
PVC Cable

MMSDT
= Double Row
*Teflon® Cable
(20, 24, 28 &
30 AWG only)

MMSS
= Single Row
PVC Cable

MMSST
= Single Row
*Teflon® Cable
(20, 24, 28 &
30 AWG only)

PINS PER ROW

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

WIRE GAUGE

-20
-20C
= Color
Coded
Cable

-22
-24
-24C
= Color
Coded
Cable

-26
-28
-28C
= Color
Coded
Cable

-30

PLATING OPTION

-L
= 10 μ" (0.25 μm)
Gold on
contact,
Tin on tail

ASSEMBLY LENGTH

- "XX.XX"
= Assembly
Length in Inches
(82.55 mm)
03.25" min.

END OPTION

-S
= Single End

-D
= Double End
(Latch Required)

K

-K
= Keyed
Polarization

LATCH OPTION

(Metal latches for more rugged environments; -02, -05 & -10 positions only)

-M = Single Ended, Metal Latches (Leave blank for plastic)

Double Ended (-D) Crossed requires MMSD/MMSDT

-LUS = Plastic Latch up, straight

-LDS = Plastic Latch down, straight

-LUX = Plastic Latch up, crossed

-LDX = Plastic Latch down, crossed

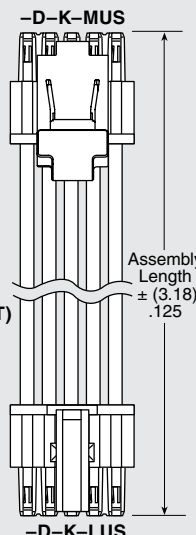
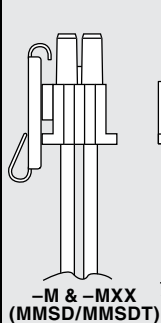
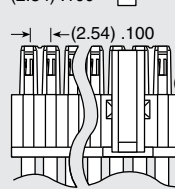
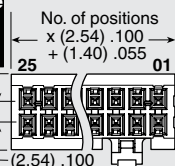
-MUS = Metal Latch up, straight

-MDS = Metal Latch down, straight

-MUX = Metal Latch up, crossed

-MDX = Metal Latch down, crossed

20C, -24C, -28C	CABLE
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT



-D-K-LUS

Due to technical progress, all designs, specifications and components are subject to change without notice.

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All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.