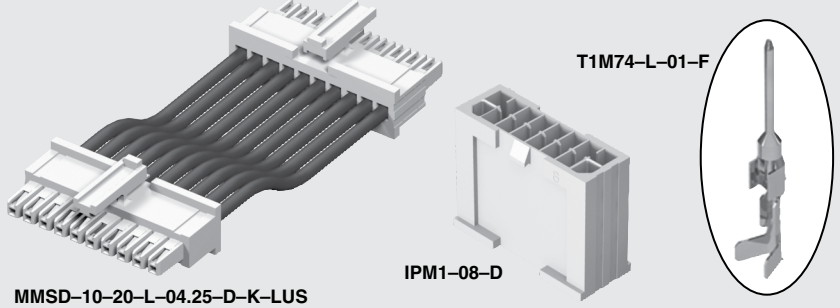




minimate®



(2.54 mm) .100"

IPM1, T1M74-L, T1M74-R, MMSD, MMSDT, 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	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

Mates with:
IPL1, MMMD(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)
-10 °C to +80 °C (PVC)
for 20, 22, 24, 26 AWG
-10 °C to +125 °C (*Teflon®)
for 28, 30 AWG
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	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
MMSD = Double Row PVC Cable	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-20 -20C = Color Coded Cable -22 -24 -24C = Color Coded Cable -26 -28 -28C = Color Coded Cable -30	-L = 10 μ" (0.25 μm) Gold on contact, Tin on tail	- "XX.XX" = Assembly Length in Inches (82.55 mm) 03.25" min.	-S = Single End -D = Double End (Latch Required)	-K = Keyed Polarization	-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 COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

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.