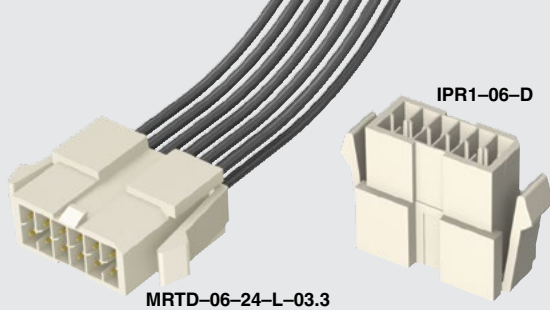




miniMATE®



T1M74-L-01-F

(2.54 mm) .100"

IPR1, T1M74-L, T1M74-R, MRTD, MRTDT SERIES

# DISCRETE WIRE COMPONENTS & TOOLING

## SPECIFICATIONS

**Insulator Material:**  
Nylon  
**Contact Material:**  
Phosphor Bronze

## RECOGNITIONS



## 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	PINS PER ROW	D
IPR1 = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15 (Standard sizes)	-D = Double Row

TYPE	WIRE GAUGE	PLATING OPTION
T1M74-L = Contact, Loose	-01 = 26 to 30 AWG	-F = Gold flash on contact
T1M74-R = Contact, Full Reel (15,300 Parts per Reel)	-02 = 20 to 24 AWG	-L = 10 μ" (0.25 μm) Gold on contact

Mates with:  
MMSD(T)

## SPECIFICATIONS

**Insulator Material:**  
Nylon 66  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Operating Temp Range:**  
-40 °C to +105 °C (PVC)  
-55 °C to +125 °C (\*Teflon®)  
**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.

## RECOGNITIONS



**Note:** Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	PINOUT
MRTD = Double Row PVC Cable	-02, -03, -04, -05, -06,	-20 -20C♦	-L = 10 μ" (0.25 μm) Gold on contact	"-XX.X" = Assembly Length in Inches Single ended = (76.2 mm) 03.0" min. Double ended = (84.0 mm) 03.3" min.	Leave blank for single ended cable assembly.
MRTDT = Double Row *Teflon® Cable (20, 24, 28 & 30 AWG only)	-08, -10, -12, -15 (Standard sizes)	-22 -24 -24C♦ -26 -28 -28C♦ -30	<b>Note:</b> ♦C specifies color coded cable. See website for color coding.		-L1 = Plastic Transfer Latch up, straight -L4 = Plastic Transfer Latch down, straight

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

WWW.TOBY.CO.UK

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.