



(2.00 mm) .0787"

ITD2, T1M82, S2M SERIES

DISCRETE WIRE COMPONENTS & TOOLING

SPECIFICATIONS

For complete specifications see www.samtec.com?ITD2 or www.samtec.com?T1M82

TOOLING

- Hand Tool: CAT-HT-281-2430-13
- Mini Applicator (24-26 AWG): CAT-MC-182-2426-XX-01
- Mini Applicator (28-30 AWG): CAT-MC-182-2830-XX-01

TYPE	POSITIONS PER ROW	ROW OPTION	TYPE	WIRE GAUGE	01	PLATING OPTION
ITD2 = Body, Loose	-05, -07, -10, -15, -20, -25, -30 (Standard sizes)	-D = Double Row	T1M82-L = Contact, Loose T1M82-R = Contact, Full Reel (17,000 Parts per Reel)	-2426 = 24 to 26 AWG -2830 = 28 to 30 AWG		-L = 10 μ" (0.25 μm) Gold on contact

Mates with:
T2SD

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?S2M

Insulator Material: Black Liquid Crystal Polymer
Contact Material: BeCu
Plating: Sn or Au over 50 μ" (1.27 μm) Ni
Operating Temp Range: -55 °C to +125 °C
Insertion Depth: (3.05 mm) .120" to (3.25 mm) .128"
Max Cycles: 100 with 10 μ" (0.25 μm) Au

PROCESSING

Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0.10 mm) .004" max

S2M	1	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	D	OPTION	OTHER OPTION
		05, 07, 10, 15, 20, 25, 30 (Per Row)	-01 = Through-hole -02 = Surface Mount	-F = Gold flash on contact, Matte Tin on tail -L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-K = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad (-SM only) -LC = Locking Clip (Manual placement required) (-SM only)	Leave blank for tube packaging -TR = Tape & Reel Packaging (-02 only) -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-02 only)