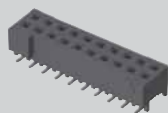


samtec



ITD2-05-D



S2M-110-02-L-D



T1M82-L-2426-01-L



(2,00 mm) .0787"

ITD2, T1M82, S2M SERIES

DISCRETE WIRE COMPONENTS & TOOLING

SPECIFICATIONS

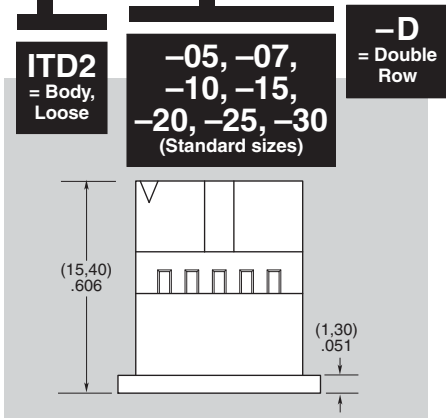
For complete specifications see www.samtec.com?TD2 or www.samtec.com?T1M82

TOOLING

- Hand Tool:
CAT-HT-182-2430-11
- Mini Applicator
(24-26 AWG):
CAT-MA-182-2426-XX-01
- Mini Applicator
(28-30 AWG):
CAT-MA-182-2830-XX-01

TYPE - POSITIONS PER ROW - ROW OPTION

ITD2 - -05, -07, -10, -15, -20, -25, -30 (Standard sizes) -D = Double Row



TYPE - WIRE GAUGE - 01 - PLATING OPTION

T1M82-L

= Contact, Loose

T1M82-R

= Contact, Full Reel (17,000 Parts per Reel)

-2426

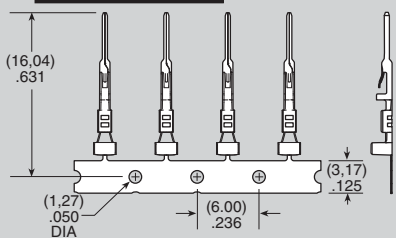
= 24 to 26 AWG

-2830

= 28 to 30 AWG

-L

= 10μ" (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 50μ" (1,27 μm) Ni

Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ max

Insertion Depth: (3,05 mm) .120" to (3,25 mm) .128"

Insertion Force: (Single contact only) 2.0 oz (0,56 N) average

Withdrawal Force: (Single contact only) 1.5 oz (0,42 N) average

Max Cycles: 100 with 10μ" (0,25 μm) Au

RoHS Compliant: Yes

Processing: Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0,10 mm) .004" max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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

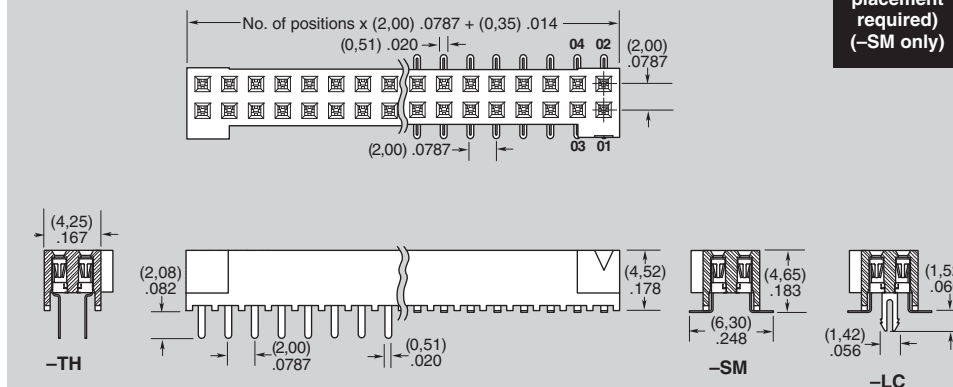
-F = Gold flash on contact, Matte Tin on tail

-L = 10μ" (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)

-TR = Tape & Reel Packaging



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

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SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTH CENTRAL CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
 SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
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