

(2.00 mm) .0787"

T2M-110-01-L-D-TH-WT-DS



T2M-105-01-L-D-RA-WT



T2M-105-01-L-D-SM-WT



T2M SERIES

HIGH-RELIABILITY CABLE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/T2M

Insulator Material:

Black Liquid Crystal Polymer
Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ " (1.27 μ m) Ni

Current Rating (T2M/S2SD):

3.8 A per pin

(2 pins powered)

Voltage Rating:

250 VAC/350 VDC

rated with S2SD

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

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



OTHER SOLUTIONS

See S2SD in the discrete wire section

ALSO AVAILABLE (MOQ Required)

- Other platings

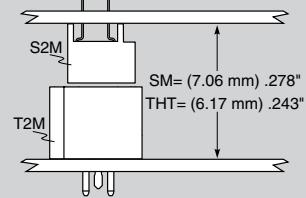
Note:
Some lengths, styles and options are non-standard, non-returnable.

Board Mates:
S2M

Cable Mates:
S2SD, S2SDT

Mates with Tiger Eye™
discrete wire cable
assemblies

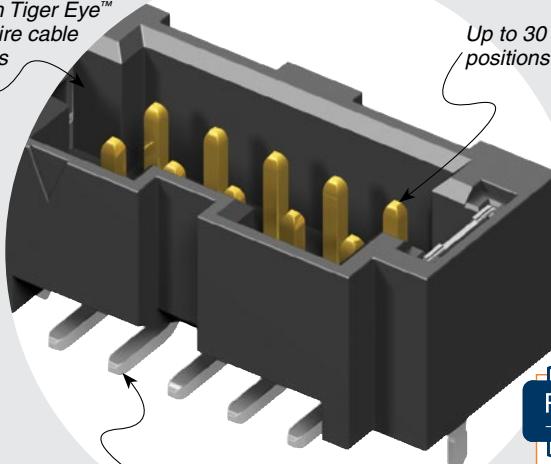
MATED HEIGHT



HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

8
G bps



RUGGEDIZED
BY SAMTEC

- Weld tabs

T2M - 1 NO. OF POSITIONS 01 PLATING OPTION D OPTION

05, 07, 10,
15, 20, 25, 30
(Per Row)

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

-TH
= Through-hole

-RA

= Right-angle

-SM

= Surface Mount

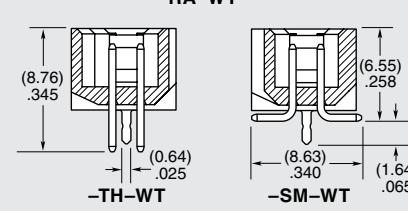
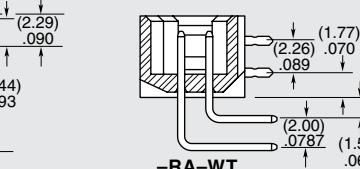
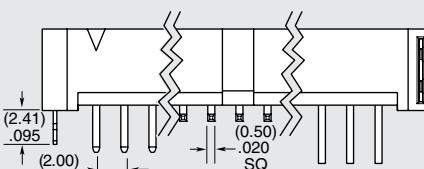
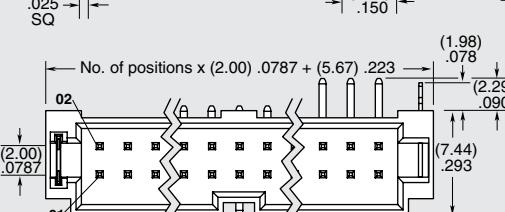
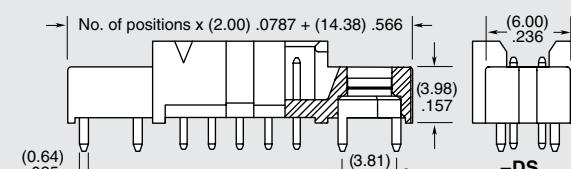
-WT
= Weld Tab
(S2SD & S2SDT,
-SR/-DR required
mate)

-DS
= Screw Down
(N/A with -RA)

(mates with
-S2M-DS,
S2SD/S2SDT
-SS/-DS option)

-K
(7.50 mm) .295" DIA
Polyimide film
Pick & Place Pad
(-SM only)

-TR
= Tape & Reel
(-SM only)



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

WWW.SAMTEC.COM

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.