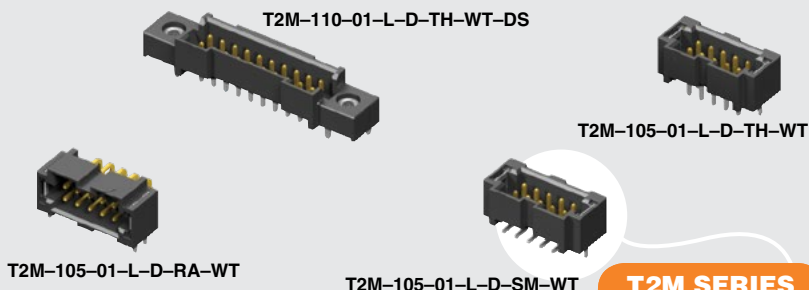


(2.00 mm) .0787"

**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 μm) Ni

Current Rating (T2M/S2SD):

3.8 A per pin

(2 pins powered)

Voltage Rating:

250 VAC/350 VDC

mated 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



FILE NO. E111594

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.

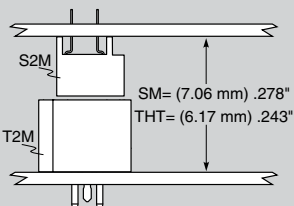
Board Mates:

S2M

Cable Mates:

S2SD, S2SDT

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 Gbps

Mates with Tiger Eye™ discrete wire cable assemblies

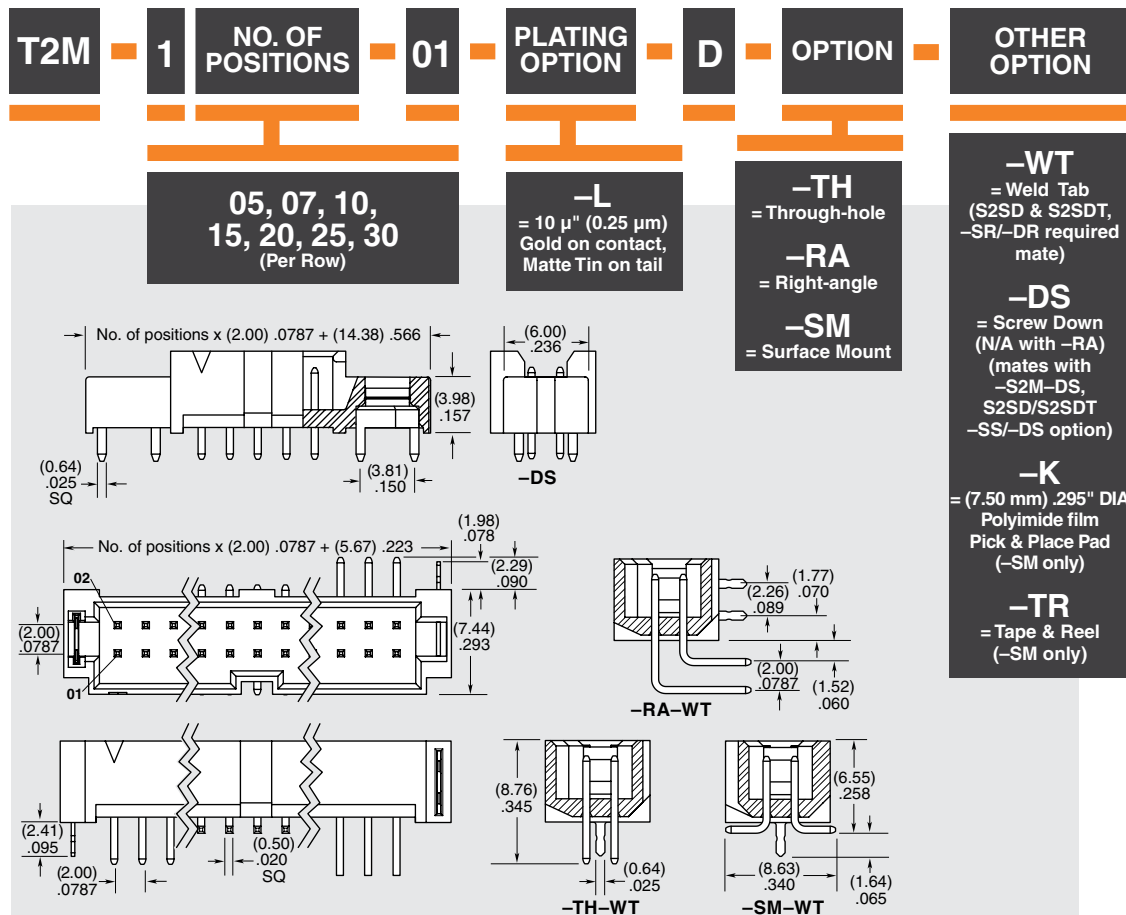
Up to 30 positions per row

Choice of surface mount, through-hole or right-angle

Optional weld tab

RUGGEDIZED
BY SAMTEC

- Weld tabs



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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[T2M-120-01-L-D-RA-WT](#) [T2M-105-01-L-D-TH](#) [T2M-107-01-L-D-TH-DS](#) [T2M-107-01-L-D-SM-WT-K](#) [T2M-110-01-S-D-RA-WT](#) [T2M-105-01-S-D-RA-WT](#) [T2M-110-01-L-D-SM-WT](#) [T2M-120-01-L-D-SM-DS](#) [T2M-105-01-L-D-TH-DS](#) [T2M-120-01-L-D-TH](#) [T2M-125-01-L-D-SM-WT](#) [T2M-105-01-L-D-SM-WT](#) [T2M-110-01-L-D-RA-WT](#) [T2M-120-01-L-D-TH-DS](#) [T2M-105-01-L-D-SM-DS](#) [T2M-105-01-L-D-RA-WT](#) [T2M-115-01-L-D-SM-WT](#) [T2M-106-01-L-D-TH-WT](#) [T2M-125-01-L-D-TH-DS](#) [T2M-120-01-L-D-SM-WT](#) [T2M-105-01-L-D-TH-WT](#) [T2M-107-01-L-D-TH-WT](#) [T2M-115-01-L-D-SM](#) [T2M-110-01-L-D-SM](#) [T2M-107-01-L-D-SM-WT-K-TR](#) [T2M-110-01-L-D-TH-WT](#) [T2M-110-01-L-D-SM-DS](#) [T2M-115-01-L-D-TH-DS](#) [T2M-130-01-L-D-TH-DS](#) [T2M-107-01-L-D-RA](#) [T2M-107-01-L-D-RA-WT](#) [T2M-115-01-L-D-TH-WT](#) [T2M-104-01-L-D-RA-WT](#) [T2M-130-01-L-D-RA-WT](#) [T2M-115-01-L-D-RA-WT](#) [T2M-107-01-L-D-SM-WT](#) [T2M-110-01-L-D-TH](#) [T2M-110-01-S-D-TH-WT](#) [T2M-110-01-L-D-TH-DS](#) [T2M-120-01-L-D-TH-WT](#) [T2M-104-01-L-D-SM-WT](#) [T2M-110-01-L-D-SM-WT-K-TR](#) [T2M-125-01-L-D-RA-WT](#) [T2M-130-01-L-D-TH-WT](#) [T2M-130-01-L-D-SM-WT](#) [T2M-125-01-L-D-TH-WT](#) [T2M-102-01-L-D-RA-WT](#) [T2M-105-01-L-D-RA](#) [T2M-115-01-S-D-SM-WT](#) [T2M-110-01-S-D-SM-WT](#) [T2M-125-01-L-D-TH](#) [T2M-105-01-S-D-SM-WT-K](#) [T2M-106-01-L-D-TH](#) [T2M-107-01-L-D-SM](#) [T2M-107-01-S-D-SM-WT-K-TR](#) [T2M-107-01-S-D-TH](#) [T2M-107-01-S-D-TH-WT](#) [T2M-110-01-S-D-TH](#) [T2M-115-01-S-D-SM](#) [T2M-115-01-S-D-TH](#) [T2M-130-01-S-D-TH](#) [T2M-105-01-L-D-SM-TR](#) [T2M-107-01-S-D-SM-WT](#) [T2M-105-01-S-D-SM-WT](#) [T2M-105-01-S-D-TH-WT](#) [T2M-120-01-L-D-SM](#) [T2M-130-01-L-D-SM](#) [T2M-105-01-S-D-RA](#) [T2M-107-01-L-D-TH](#) [T2M-115-01-L-D-SM-WT-K-TR](#) [T2M-120-01-S-D-RA](#) [T2M-105-01-S-D-TH](#) [T2M-107-01-L-D-SM-K-TR](#) [T2M-115-01-S-D-RA](#) [T2M-115-01-L-D-RA](#) [T2M-115-01-S-D-RA-WT](#) [T2M-130-01-L-D-SM-WT-K-TR](#) [T2M-110-01-L-D-SM-K](#) [T2M-120-01-S-D-TH](#) [T2M-125-01-S-D-SM](#) [T2M-130-01-L-D-SM-WT-K](#) [T2M-105-01-L-D-SM](#) [T2M-110-01-S-D-SM](#) [T2M-120-01-L-D-RA](#) [T2M-125-01-L-D-SM-K-TR](#) [T2M-125-01-L-D-SM-WT-K](#) [T2M-130-01-S-D-SM](#) [T2M-110-01-L-D-SM-WT-K](#) [T2M-115-01-L-D-SM-K-TR](#) [T2M-115-01-L-D-SM-WT-TR](#) [T2M-125-01-S-D-SM-K-TR](#) [T2M-125-01-S-D-TH](#) [T2M-105-01-L-D-SM-K](#) [T2M-108-01-L-D-RA-WT](#) [T2M-110-01-S-D-SM-WT-K-TR](#) [T2M-125-01-L-D-SM-K](#) [T2M-130-01-S-D-RA](#) [T2M-105-01-S-D-SM](#) [T2M-107-01-S-D-RA-WT](#) [T2M-107-01-S-D-SM-K-TR](#)