

(2,00 mm) .0787"

T2M SERIES

# HIGH RELIABILITY CABLE HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?T2M](http://www.samtec.com?T2M)

**Insulator Material:** Black Liquid Crystal Polymer

**Terminal Material:** Phosphor Bronze

**Plating:** Sn or Au over

50µ" (1,27 µm) Ni

**Current Rating (T2M/S2SD):** 3.8 A per pin

(1 pin powered per row)

**Operating Temp Range:** -55°C to +105°C with Tin;

-55°C to +125°C with Gold

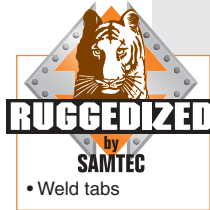
**RoHS Compliant:** Yes

**Processing:** Lead-Free Solderable:

Yes

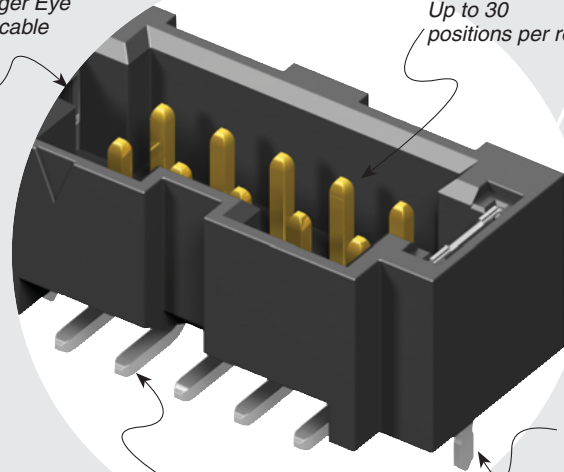
**SMT Lead Coplanarity:** (0,10 mm) .004" max

Mates with: S2SD, S2M, S2SDT



Mates with Tiger Eye™ discrete wire cable assemblies

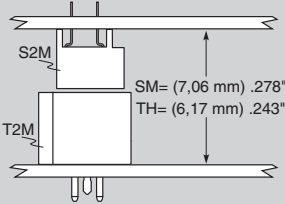
Up to 30 positions per row



Choice of Surface Mount, Through-hole or Right Angle

Optional weld tab

## MATED HEIGHT



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

-L = 10µ" (0,25 µm) 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)

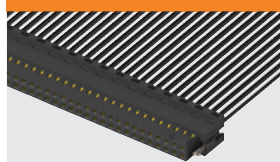
-DS = Screw Down (N/A with -RA) (mates with -S2M-DS, S2SD/S2SDT -SS/-DS option)

-K = (7,50 mm) .295" DIA Polyimide film Pick & Place Pad (-SM only)

-TR = Tape & Reel (-SM only)



## OTHER SOLUTIONS



See S2SD in the discrete wire section or contact Samtec.

## ALSO AVAILABLE (MOQ Required)

- Other platings Contact Samtec.

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

