

(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 μm (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

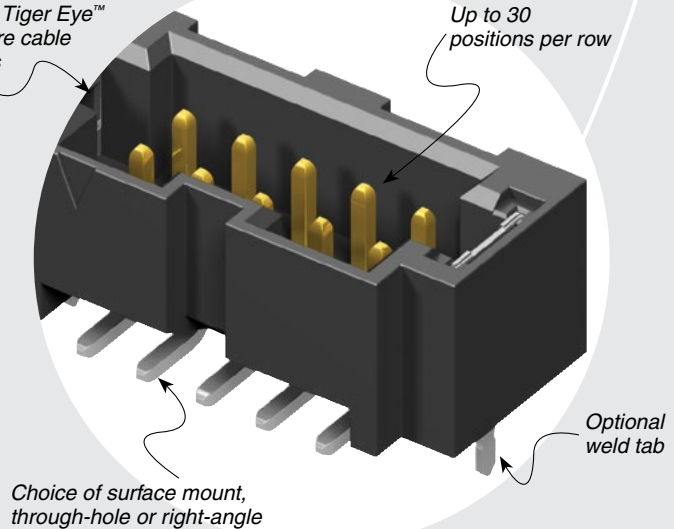
Board Mates: S2M

Cable Mates: S2SD, S2SDT



Mates with Tiger Eye™ discrete wire cable assemblies

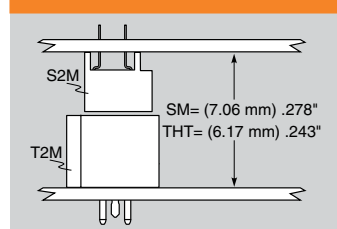
Up to 30 positions per row



Optional weld tab

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

MATED HEIGHT



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 or contact Samtec.

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

T2M	1	NO. OF POSITIONS	01	PLATING OPTION	D	OPTION	OTHER OPTION
		05, 07, 10, 15, 20, 25, 30 (Per Row)		-L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail	-TH = Through-hole	-RA = Right-angle	-WT = Weld Tab (S2SD & S2SDT, -SR/-DR required mate)
				-SM = Surface Mount	-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)

-DS

-RA-WT

-TH-WT

-SM-WT

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.