

(2.00 mm) .0787"

S2M-105-02-F-D

S2M-105-01-L-D-DS

S2M-110-01-L-D

S2M SERIES

HIGH-RELIABILITY CABLE SOCKET

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

50 μ " (1.27 μ m) Ni

Current Rating (S2M/T2SD):

2.6 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(3.05 mm) .120" to

(3.25 mm) .128"

Max Cycles:

100 with 10 μ " (0.25 μ m) Au

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

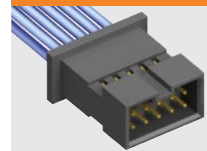
RECOGNITIONS

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



FILE NO. E111594

OTHER SOLUTIONS



See www.samtec.com?T2SD

ALSO AVAILABLE (MOQ Required)

- Other platings

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

Board Mates:

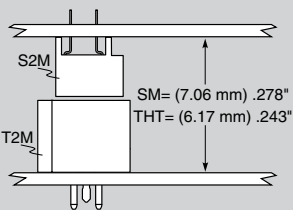
T2M

Cable Mates:

T2SD



MATED HEIGHT



Choice of surface mount or through-hole

Up to 30 positions per row

Mates with Tiger Eye™ discrete wire cable assemblies

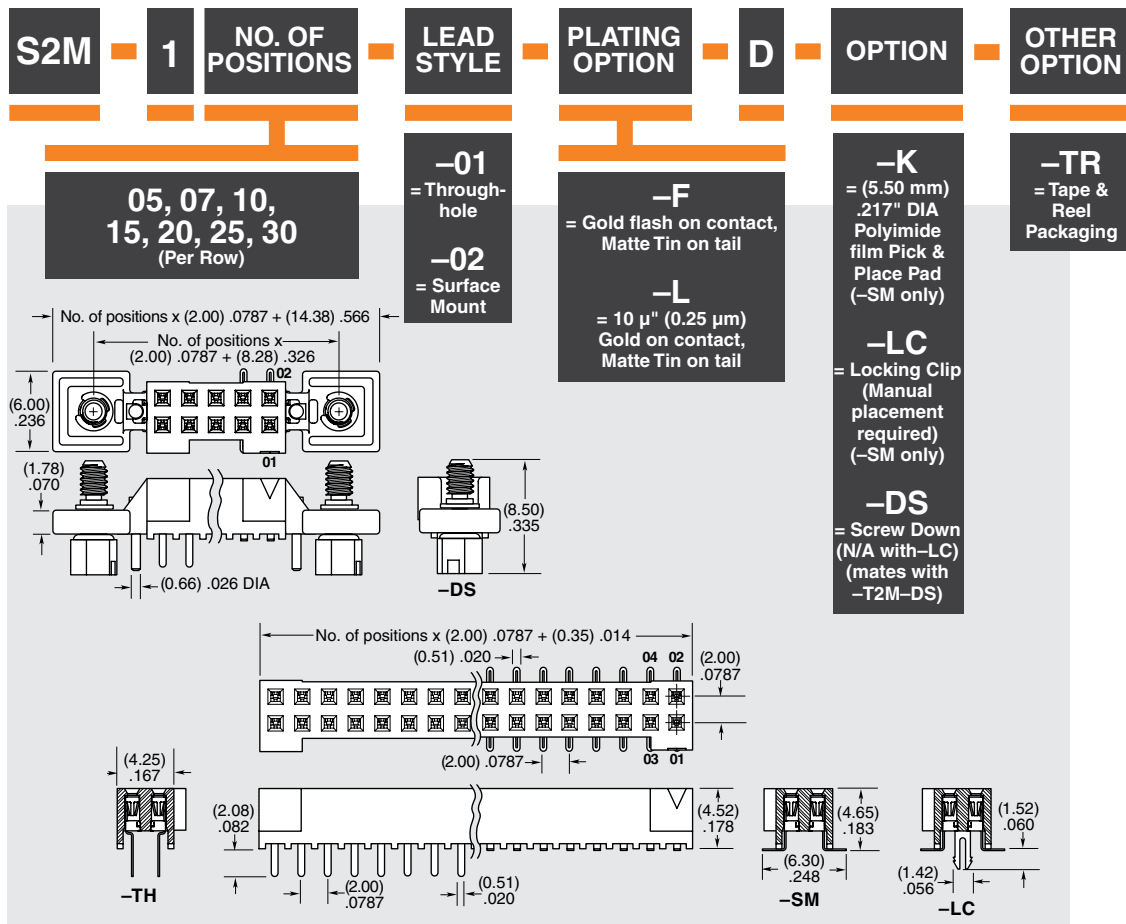
RUGGEDIZED
BY SAMTEC

- Locking clip

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



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.