

(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

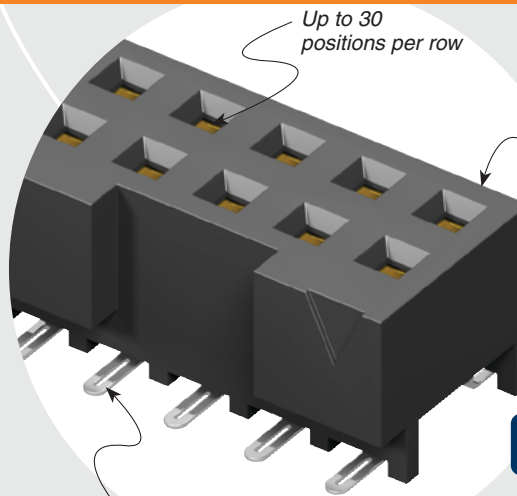
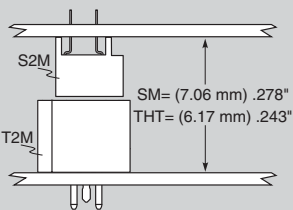
Board Mates:

T2M

Cable Mates:

T2SD

MATED HEIGHT



Up to 30
positions per row

Mates with
Tiger Eye™ discrete
wire cable assemblies

Choice of surface mount
or through-hole

RUGGEDIZED
BY SAMTEC

• Locking clip

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

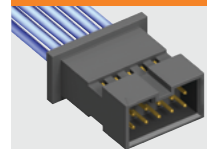
RECOGNITIONS

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



FILE NO. E111594

OTHER SOLUTIONS

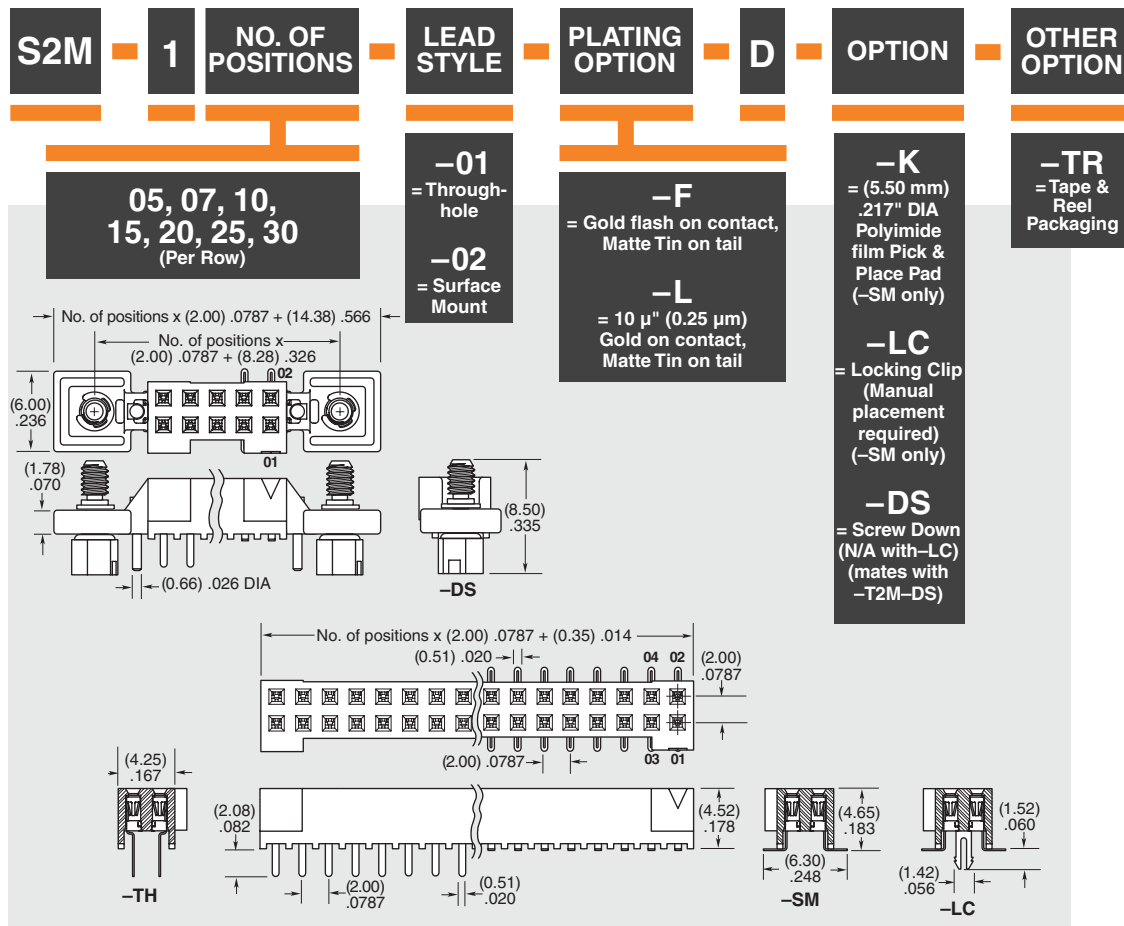


See www.samtec.com?T2SD

ALSO AVAILABLE (MOQ Required)

- Other platings

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



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.

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