

(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

(1 pin powered per row)

Operating Temp Range:

-55 °C to +125 °C

Contact Resistance:

10 m Ω max

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

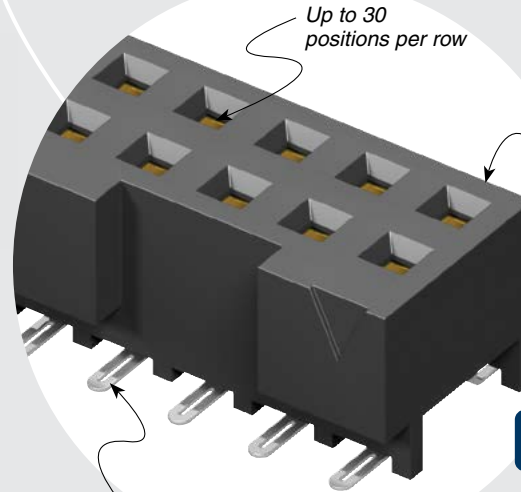
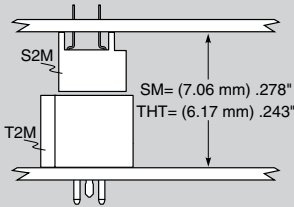
Board Mates:

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

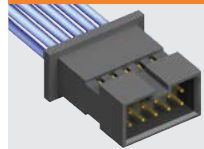
RECOGNITIONS

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



FILE NO. E111594

OTHER SOLUTIONS



See T2SD 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.

