

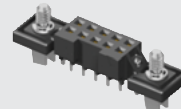


(2,00 mm) .0787"

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

50μ" (1,27 μm) 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 mΩ max

Insertion Depth:

(3,05 mm) .120" to

(3,25 mm) .128"

Insertion Force:

(Single contact only)

2.0 oz (0,56 N) average

Withdrawal Force:

(Single contact only)

1.5 oz (0,42 N) average

Max Cycles:

100 with 10μ" (0,25 μm) Au

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

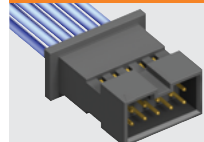
(0,10 mm) .004" max

RECOGNITIONS

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



OTHER SOLUTIONS



See T2SD in the discrete wire section or contact Samtec.

ALSO AVAILABLE (MOQ Required)

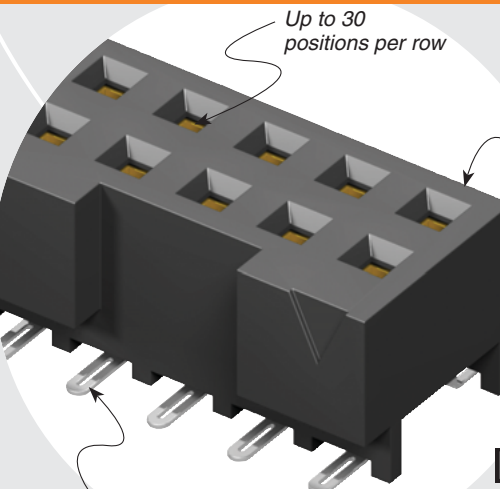
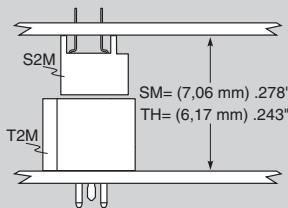
- Other platings Contact Samtec.

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

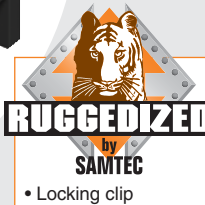
Mates with:
T2SD, T2M



MATED HEIGHT



Mates with
Tiger Eye™ discrete
wire cable assemblies



S2M - **1** **NO. OF POSITIONS** - **LEAD STYLE** - **PLATING OPTION** - **D** - **OPTION** - **OTHER OPTION**

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

-01
= Through-hole
-02
= Surface Mount

-F
= Gold flash on contact,
Matte Tin on tail
-L
= 10μ" (0,25 μm)
Gold on contact,
Matte Tin on tail

-K
= (5,50 mm)
.217" DIA
Polyimide
film Pick &
Place Pad
(-SM only)

-LC
= Locking Clip
(Manual
placement
required)
(-SM only)

-DS
= Screw Down
(N/A with -LC)
(mates with
-T2M-DS)

-TR
= Tape &
Reel
Packaging

