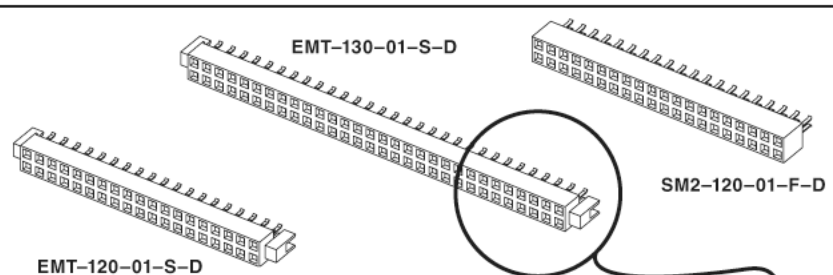


samtec



EDGE MOUNT SOCKET STRIP EMT, SM2 SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?EMT or www.samtec.com?SM2

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

EMT=BeCu

SM2=Phosphor Bronze

Current Rating:

3A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Plating:

Sn or Au over

50µ" (1,27µm) Ni

Contact Resistance:

10 mΩ max

EMT Insertion Depth:

(3,05mm) .120" to

(3,30mm) .130"

EMT Insertion Force:

(Single contact only)

-01=1.5oz (0,44N) average

-51=2.5oz (0,70N) average

EMT Withdrawal Force:

(Single contact only)

-01=1.1oz (0,31N) average

-51=1.5oz (0,44N) average

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds or

260°C for 20 seconds 3x

with Matte Sn plating

Lead-Free Solderable:

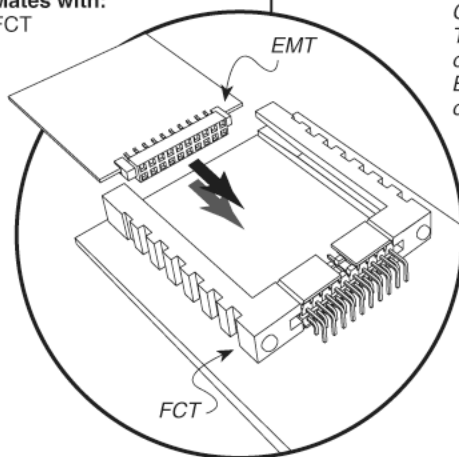
Yes, with Matte Sn plating

SMT Lead Coplanarity:

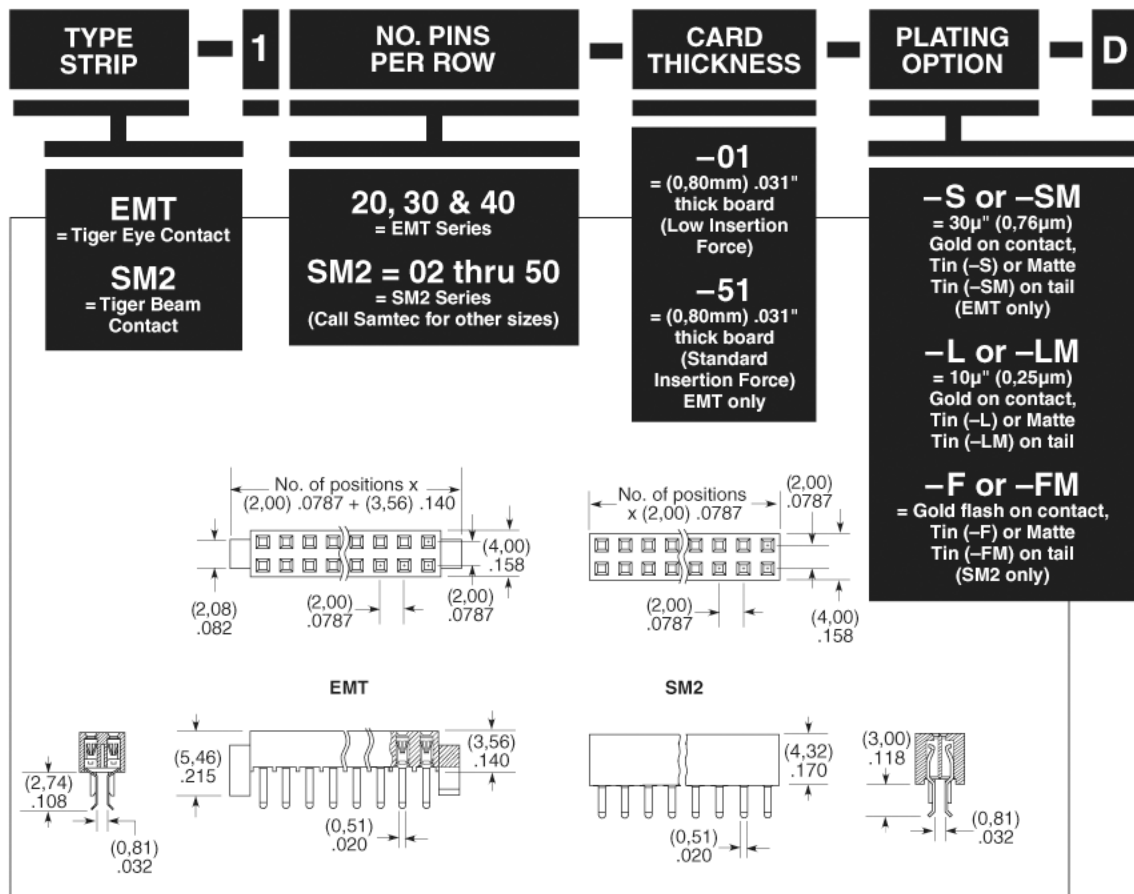
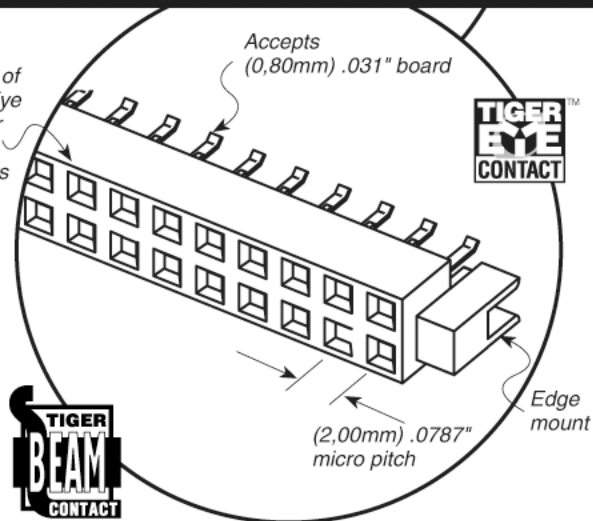
(0,10mm) .004" max (02-20)

(0,15mm) .006" max (30-50)

Mates with:
FCT



Choice of
Tiger-Eye
or Tiger
Beam
contacts



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.

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