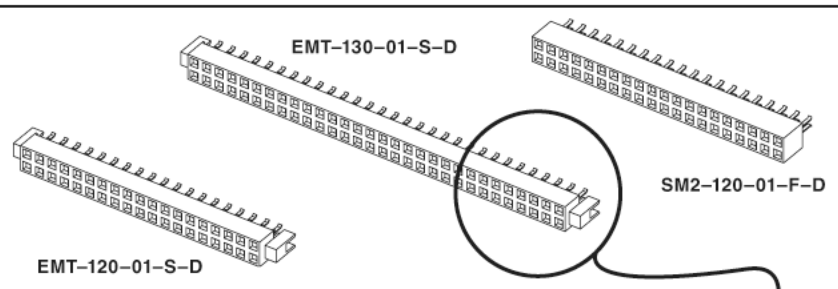


# samtec



## EDGE MOUNT SOCKET STRIP EMT, SM2 SERIES

### SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?EMT](http://www.samtec.com?EMT) or [www.samtec.com?SM2](http://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:

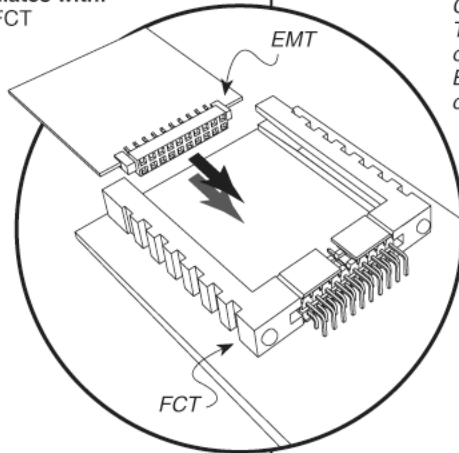
Yes, with Matte Sn plating

##### SMT Lead Coplanarity:

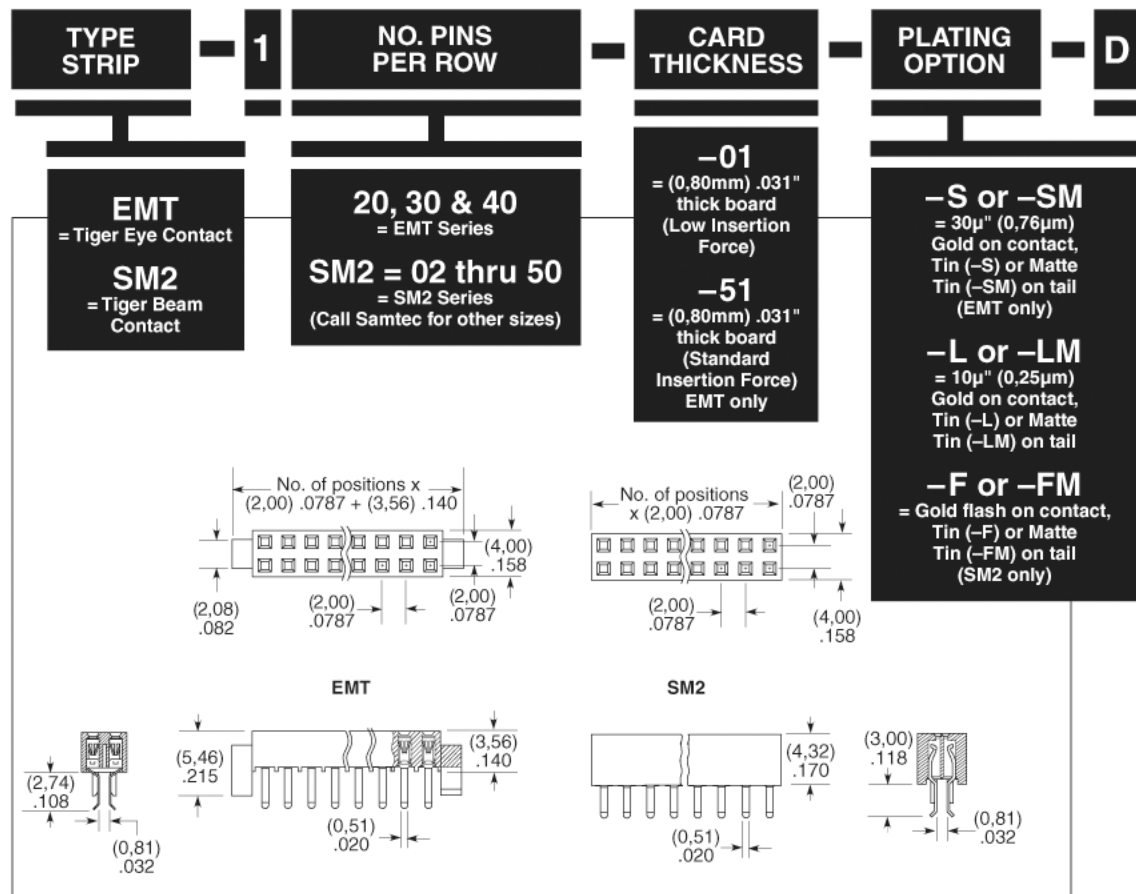
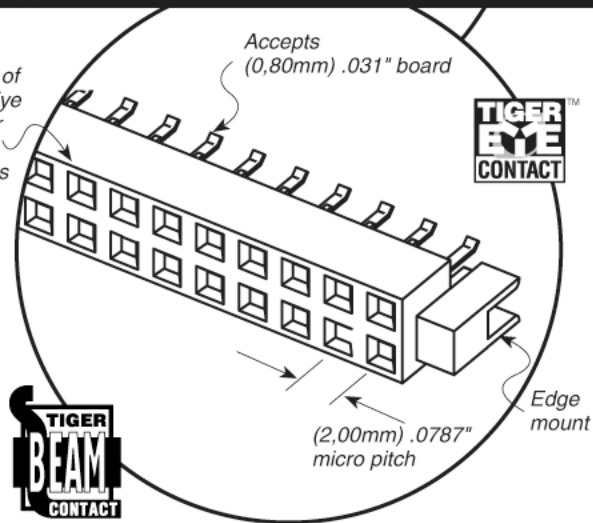
(0,10mm) .004" max (02-20)

(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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