

EDGE MOUNT SOCKET STRIP EMT, SM2 SERIES

SPECIFICATIONS

For complete specifications 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:

-65°C to +125°C

Plating:

Sn or Au over 50µ" (1,27µm) Ni

Contact Resistance:

10 m 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)

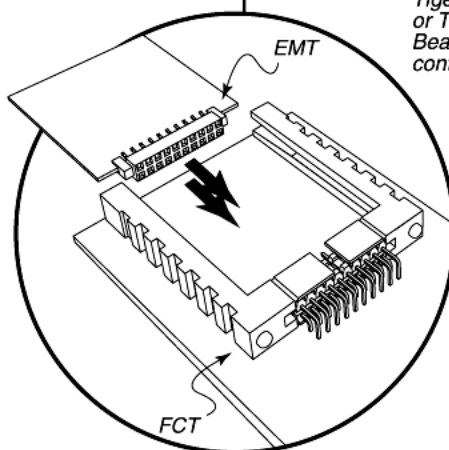
-01=1.1oz (0,31N) average

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

Note:

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

Mates with:
FCT



Choice of
Tiger-Eye
or Tiger
Beam
contacts

Accepts
(0,80mm) .031" board



(2,00mm) .0787" micro pitch
Edge mount

TYPE STRIP	1	NO. PINS PER ROW	CARD THICKNESS	PLATING OPTION	D
EMT = Tiger Eye Contact		20, 30 & 40 = EMT Series	-01 = (0,80mm) .031" thick board (Low Insertion Force)	-L = 10µ" (0,25µm) Gold on contact, Tin on tail	
SM2 = Tiger Beam Contact		SM2 = 02 thru 50 = SM2 Series (Call Samtec for other sizes)	-51 = (0,80mm) .031" thick board (Standard Insertion Force) EMT only	-S = 30µ" (0,76µm) Gold on contact, Tin on tail (EMT only)	
				-F = Gold flash on contact, Tin on tail (SM2 only)	

Processing:

Max Processing Temp:

230°C for 60 seconds

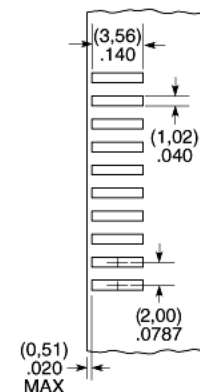
SMT Lead Coplanarity:

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

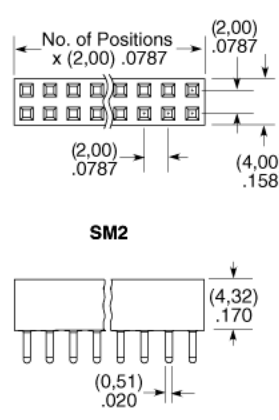
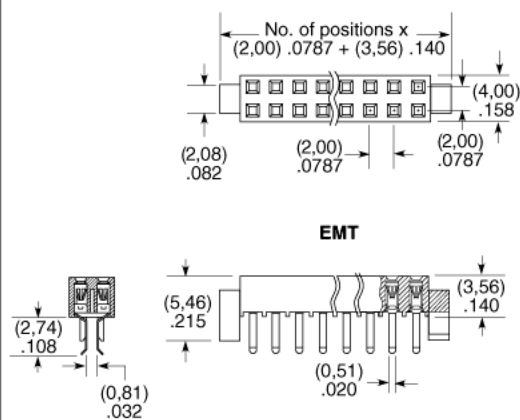
(0,15mm) .006" max (30-50)

Suggested PCB Layouts:

For reference only. Please contact Samtec or go to www.samtec.com?EMT or www.samtec.com?SM2 for recommended PCB layout.



Both Sides of P.C. Board



Due to technical progress, all designs, specifications and components are subject to change without notice.

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