

(2,00mm) .0787"

SMM SERIES



SMM-115-02-S-D

SMM-135-02-L-D-K

SMM-108-02-L-S

SMM-110-02-L-S

TIGER EYE™ SOCKET STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/SMM

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating: Sn or Au over 50µ" (1,27µm) Ni

Voltage Rating: 350 VAC

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ max

Insertion Depth:

(3,05mm) .120" to (3,25mm) .128"

Insertion Force:

(Single contact only)

2.0oz (0,56N) average

Withdrawal Force:

(Single contact only)

1.5oz (0,42N) average

Max Cycles:

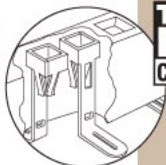
100 with 10µ" (0,25µm) Au

RoHS Compliant:

Yes



Mates with:
TMM, TMMH,
MTMM, MMT,
LTMM, TW,
TCMD, PTT



10 year Mixed Flowing Gas with 30µ" Gold
1,000 cycles when mated with TMM

POLARIZING KEY

Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes TCSD Series IDC Cable.

APPLICATION SPECIFIC OPTION

Locking clip (Manual placement required). Call Samtec.

Available with optional Pick & Place Pads

High reliability Tiger Eye™ contacts (Four point redundancy)

(2,00mm) .0787" pitch

(3,56mm) .140"

CURRENT RATING

AMBIENT TEMP	Mated with TMM
20°C	3.9A
40°C	3.5A
60°C	3A
95°C	2A
6 POSITIONS (2x3) POWERED	

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

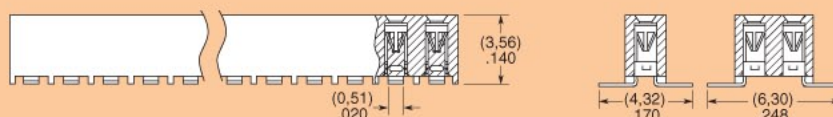
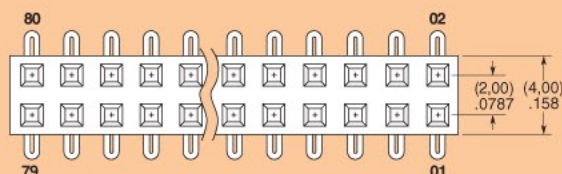
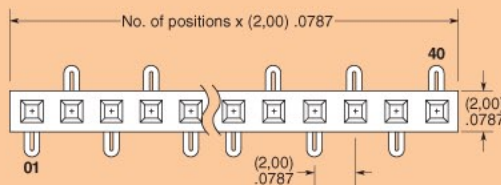
(0,10mm) .004" max

Note: Other Gold plating options available. Contact Samtec.

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

SMM - 1 NO. PINS PER ROW - 02 PLATING OPTION - ROW OPTION - OTHER OPTION

02 thru 40



-F
= Gold flash on contact, Matte Tin on tail

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

-S
= 30µ" (0,76µm) Gold on contact, Matte Tin on tail

-S
= Single Row

-D
= Double Row

-“XX”
= Polarized Position

-K
= (5,50mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR)

-P
= Plastic Pick & Place Pad (-02 thru -05 requires -TR)

-TR
= Tape & Reel Packaging (27 positions maximum)

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

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