



(2,00 mm) .0787"

SMM-115-02-S-D

SMM-135-02-L-D-K

SMM-108-02-L-S

SMM-110-02-L-S

SMM SERIES

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" (1,27 µm) Ni

Current Rating (TMM/SMM): 3.2 A per pin (1 pin powered per row)

Voltage Rating: 350 VAC

Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ

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

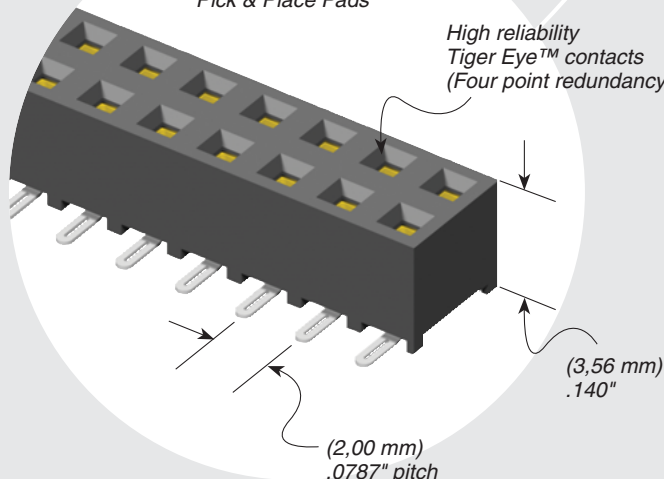
Mates with:

TMM, TMMH, MTMM, MMT, LTMM, TW, TCMD, PTT, ZLTMM



Available with optional Pick & Place Pads

High reliability Tiger Eye™ contacts (Four point redundancy)



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" (0,25 µm) Gold on contact, Matte Tin on tail

-S

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

-S

= Single Row

-D

= Double Row

- "XX" = Polarized Position

-K = (5,50 mm) .217" DIA

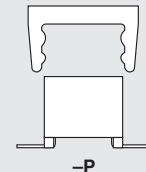
Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR)

-P = Plastic Pick & Place Pad

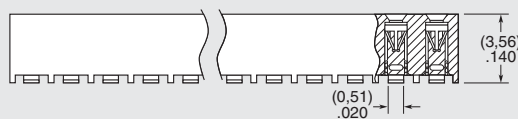
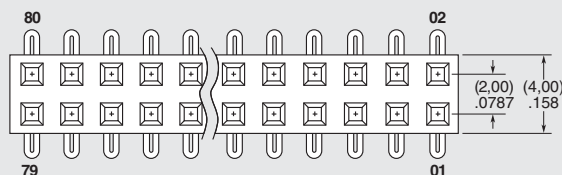
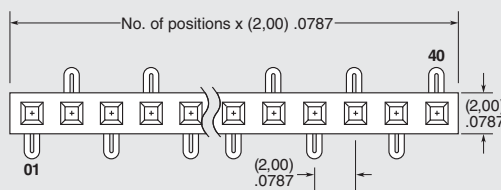
(-02 thru -05 requires -TR)

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

-S Row (3,81) .150 x (7,62) .300
-D Row (5,71) .225 x (10,01) .394



-P



RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Locking clip (Manual placement required)
- Other platings Contact Samtec.

POLARIZING KEY

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

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