



(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](http://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

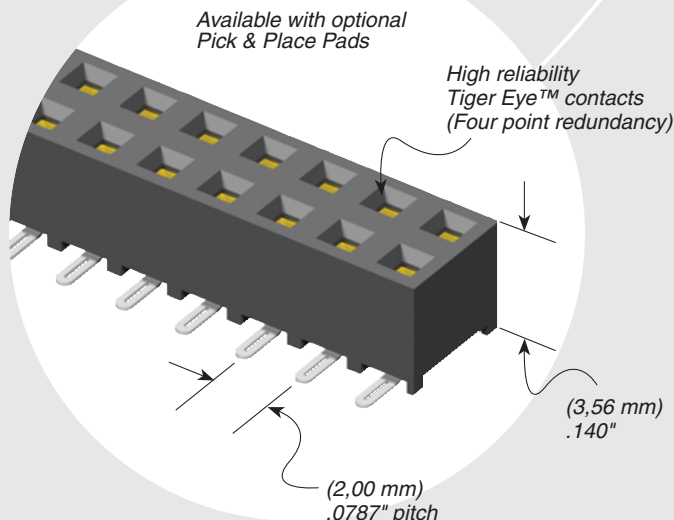
### Processing:

**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

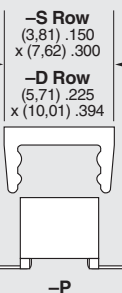
**-D**  
= Double Row

**-“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)

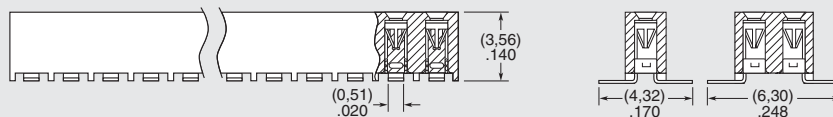
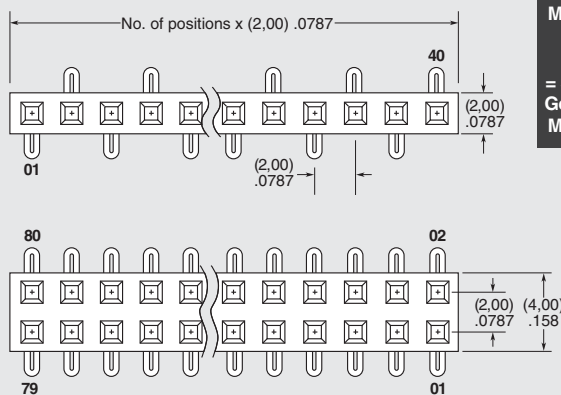


## ALSO AVAILABLE (MOQ Required)

- 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.