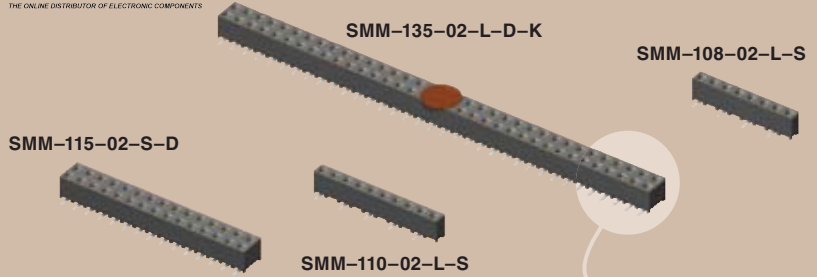




(2,00mm) .0787"

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" (1,27µm) 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"

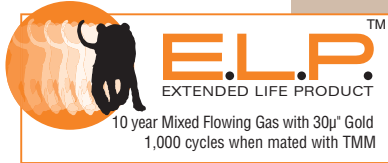
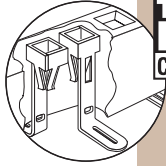
**Insertion Force:** (Single contact only) 2.0oz (0,56N) average

**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

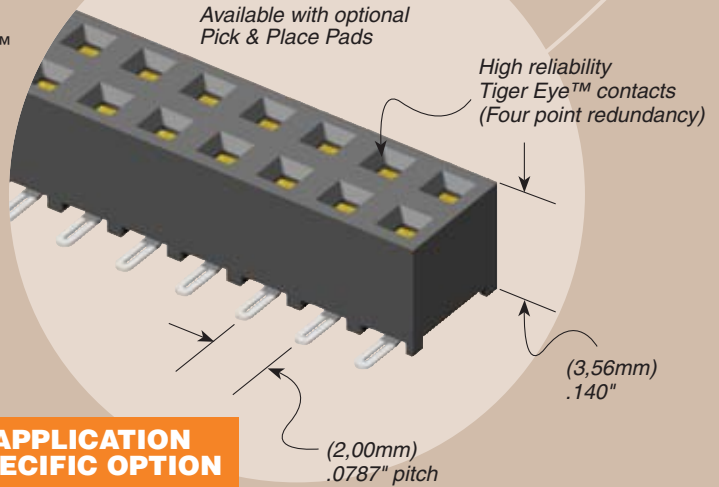


## POLARIZING KEY

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.



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**

02 thru 40

**PLATING OPTION**

- 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

**ROW OPTION**

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

**OTHER OPTION**

- “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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