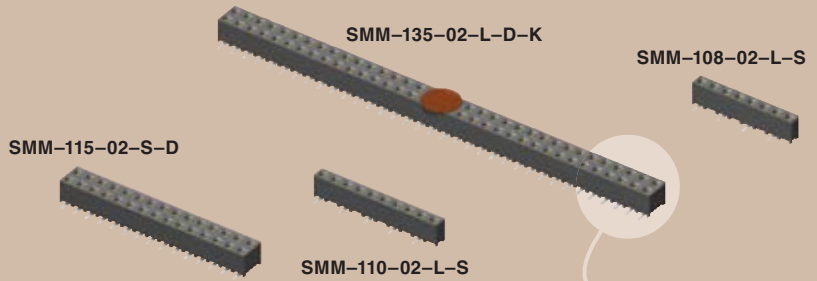




(2,00 mm) .0787"

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" (1,27 µm) Ni

**Voltage Rating:** 350 VAC

**Operating Temp Range:** -55°C to +125°C

**Contact Resistance:** 10 mΩ

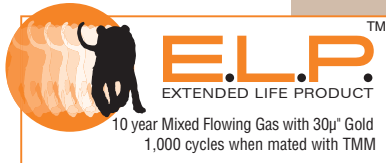
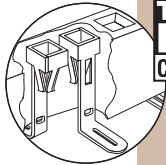
**Insertion Depth:** (3,05 mm) .120" to (3,25 mm) .128"

**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

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

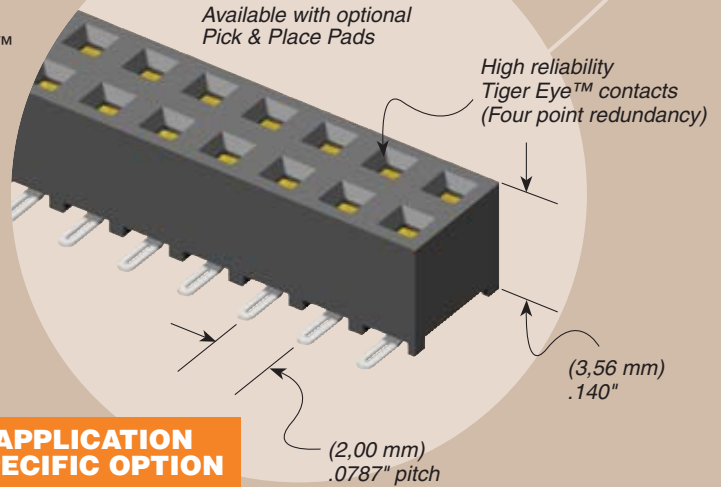


## POLARIZING KEY

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 (PER CONTACT)	
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: (0,10 mm) .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				<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p> <p><b>-L</b> = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail</p> <p><b>-S</b> = 30µ" (0,76 µm) Gold on contact, Matte Tin on tail</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>-“XX”</b> = Polarized Position</p> <p><b>-K</b> = (5,50 mm) .217" DIA Polyimide Film Pick &amp; Place Pad (2 positions minimum, -02 thru -05 requires -TR)</p> <p><b>-P</b> = Plastic Pick &amp; Place Pad (-02 thru -05 requires -TR)</p> <p><b>-TR</b> = Tape &amp; Reel Packaging (27 positions maximum)</p>

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

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