

**SMM SERIES**

**(2.00 mm) .0787"**

# TIGER EYE™ SOCKET STRIP

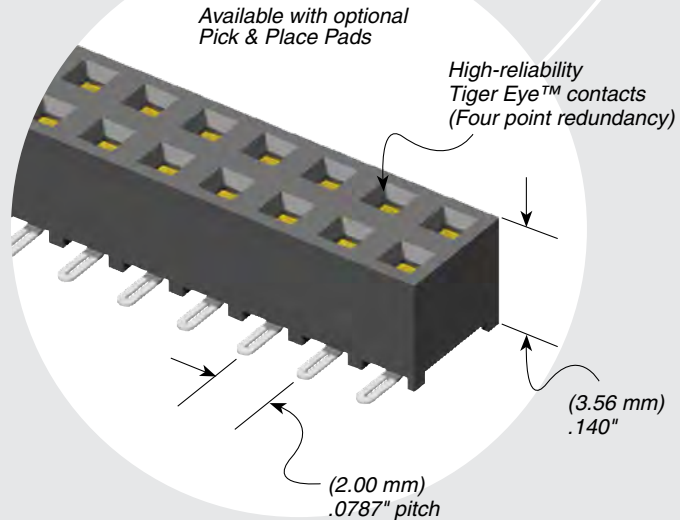
## SPECIFICATIONS

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 50 μ" (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"
- Max Cycles:** 100 with 10 μ" (0.25 μm) Au
- RoHS Compliant:** Yes

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

**Cable Mates:** TCMD



## PROCESSING

- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** (0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://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.

SMM	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40				<b>-F</b> = Gold flash on contact, Matte Tin on tail  <b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail  <b>-S</b> = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>-“XX”</b> = Polarized Position  <b>-K</b> = (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR)  <b>-P</b> = Plastic Pick & Place Pad (-02 thru -05 requires -TR)  <b>-TR</b> = Tape & Reel Packaging (27 positions maximum)

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