

**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 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

**RECOGNITIONS**

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



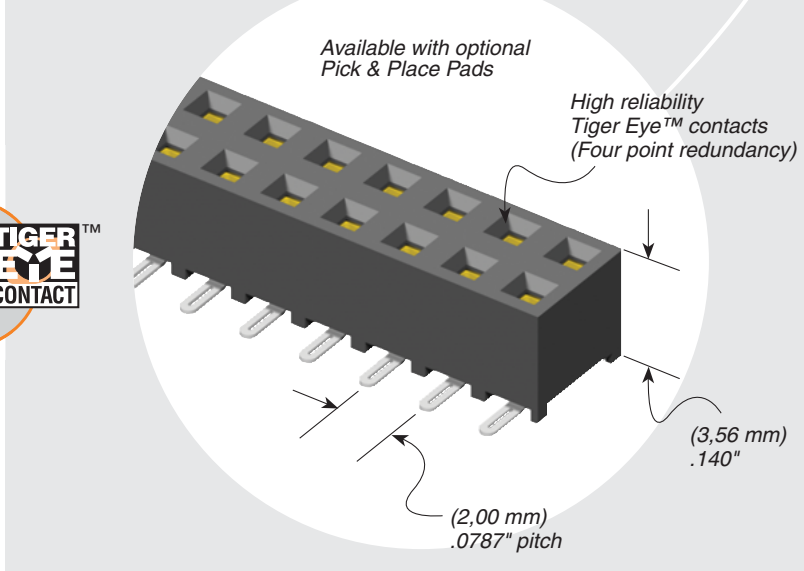
**ALSO AVAILABLE (MOQ Required)**

- 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.

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



SMM	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
<b>02 thru 40</b>				<b>-F</b> = Gold flash on contact, Matte Tin on tail <b>-L</b> = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail <b>-S</b> = 30µ" (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)

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

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