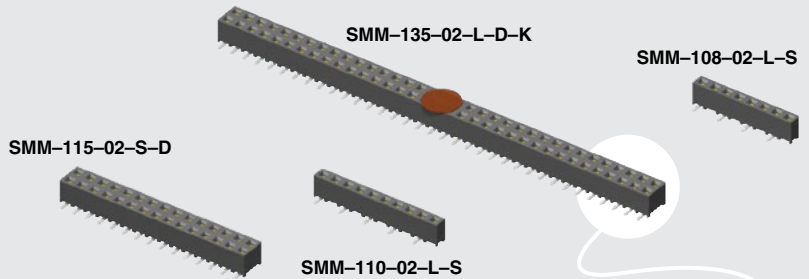


(2.00 mm) .0787"



**SMM SERIES**

# TIGER EYE™ SOCKET STRIP

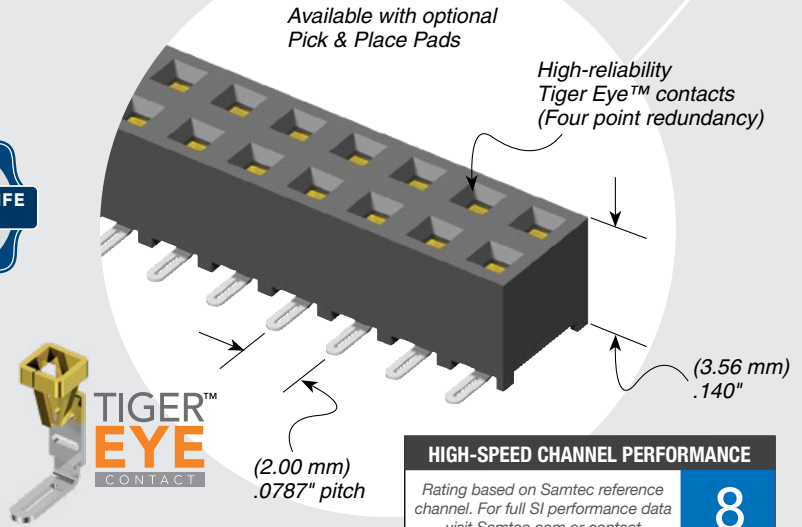
## SPECIFICATIONS

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 50 μ" (1.27 μm) Ni  
**Current Rating (TMM/SMM):** 3.2 A per pin (2 pins powered)  
**Voltage Rating:** 350 VAC  
**Operating Temp Range:** -55 °C to +125 °C  
**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



**HIGH-SPEED CHANNEL PERFORMANCE**

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**8**  
Gbps

## 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

## 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)

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.