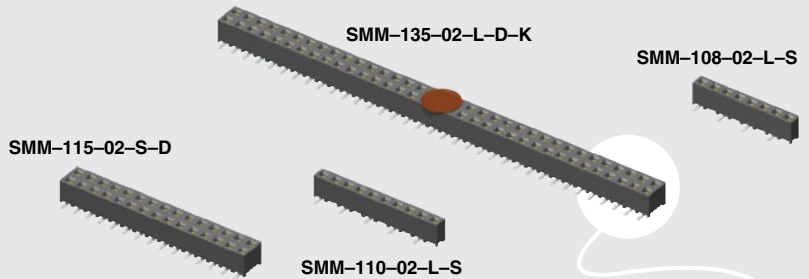


(2.00 mm) .0787"



SMM SERIES

TIGER EYE™ SOCKET STRIP

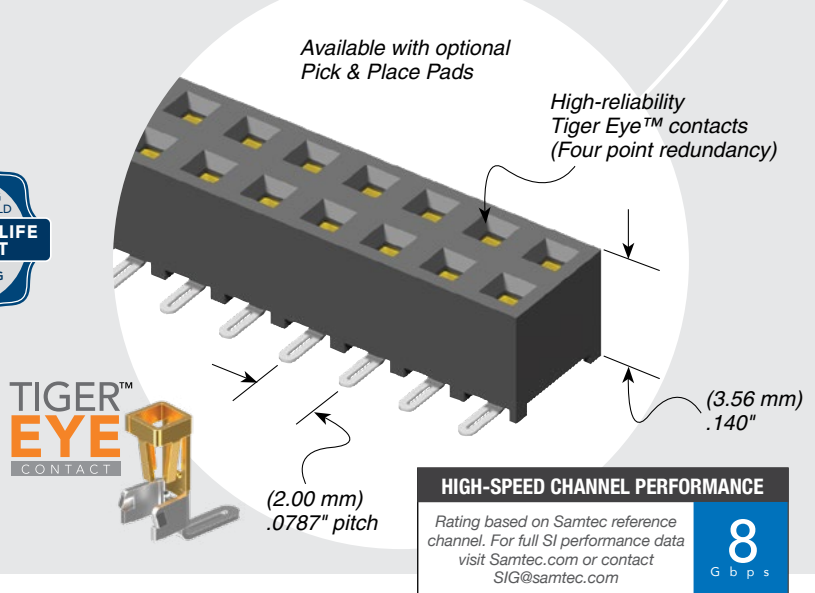
SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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 or contact 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



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				<p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail</p> <p>-S = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail</p>	<p>-S = Single Row</p> <p>-D = Double Row</p>	<p>-“XX” = Polarized Position</p> <p>-K = (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions min., -02 thru -05 requires -TR)</p> <p>-P = Plastic Pick & Place Pad (-02 thru -05 requires -TR)</p> <p>-TR = Tape & Reel Packaging (27 positions max.)</p> <p>-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (27 positions max.)</p>

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

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.