

SMM SERIES

(2.00 mm) .0787"

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 (1 pin powered per row)

Voltage Rating: 350 VAC

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

Contact Resistance: 10 mΩ

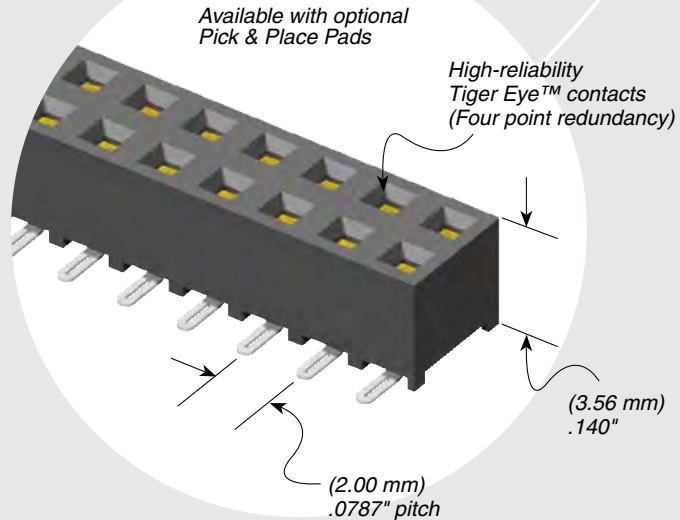
Insertion Depth: (3.05 mm) .120" to (3.25 mm) .128"

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



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 | | | | -F = Gold flash on contact, Matte Tin on tail | -S = Single Row | -“XX” = Polarized Position |
| | | | | -L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail | -D = Double Row | -K = (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR) |
| | | | | -S = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail | -S Row (3.81) .150 x (7.62) .300 | -P = Plastic Pick & Place Pad (-02 thru -05 requires -TR) |
| | | | | | -D Row (5.71) .225 x (10.01) .394 | -TR = Tape & Reel Packaging (27 positions maximum) |

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