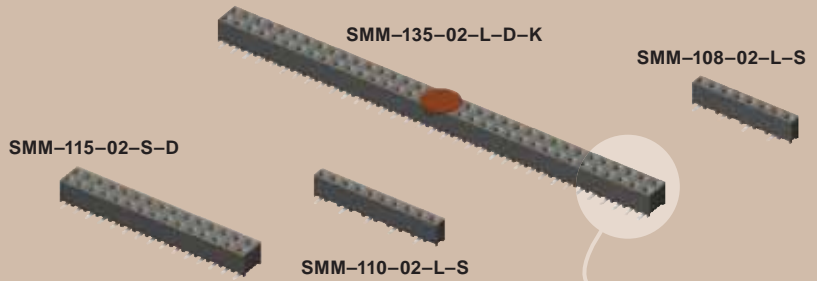




(2.00mm) .0787"

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 50µ" (1,27µm) Ni

Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ max

Insertion Depth: (3,05mm) .120" to (3,25mm) .128"

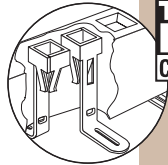
Insertion Force: (Single contact only) 2.0oz (0,56N) average

Withdrawal Force: (Single contact only) 1.5oz (0,42N) average

Max Cycles: 100 with 10µ" (0,25µm) Au

RoHS Compliant: Yes

Mates with: TMM, TMMH, MTMM, MMT, LTMM, TW, TCMD

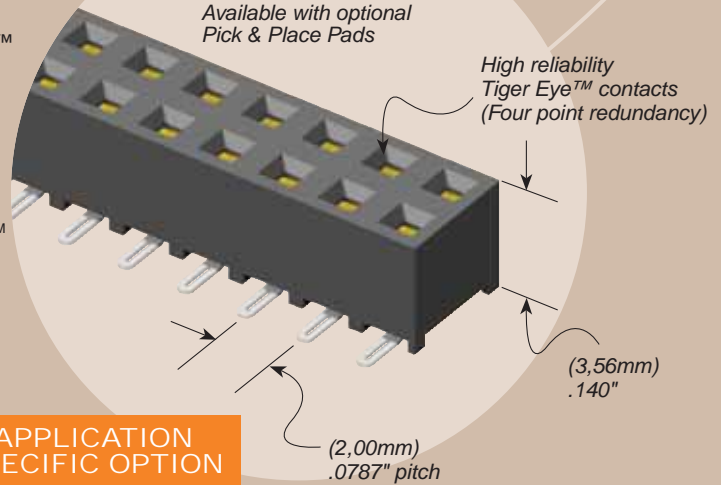


POLARIZING KEY

Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes TCSD Series IDC Cable.

APPLICATION SPECIFIC OPTION

Locking clip (Manual placement required). Call Samtec.



| CURRENT RATING | |
|---------------------------|----------------|
| AMBIENT TEMP | Mated with TMM |
| 20°C | 3.9A |
| 40°C | 3.5A |
| 60°C | 3A |
| 95°C | 2A |
| 6 POSITIONS (2x3) POWERED | |

Processing:
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max

Note: Other Gold plating options available. Contact Samtec.

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

SMM - **1** NO. PINS PER ROW - **02**

02 thru 40

PLATING OPTION

-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-S = 30µ" (0,76µm) Gold on contact, Matte Tin on tail

ROW OPTION

-S = Single Row

-D = Double Row

OTHER OPTION

- "XX" = Polarized Position

-K = (5,50mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR)

-P = Plastic Pick & Place Pad (-02 thru -05 requires -TR)

-TR = Tape & Reel Packaging (27 positions maximum)

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

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