

2mm HIGH REL SOCKET SMM SERIES

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

Current Rating: 3A @ 80°C ambient

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

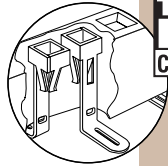
Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0,10mm) .004" max

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



POLARIZING KEY

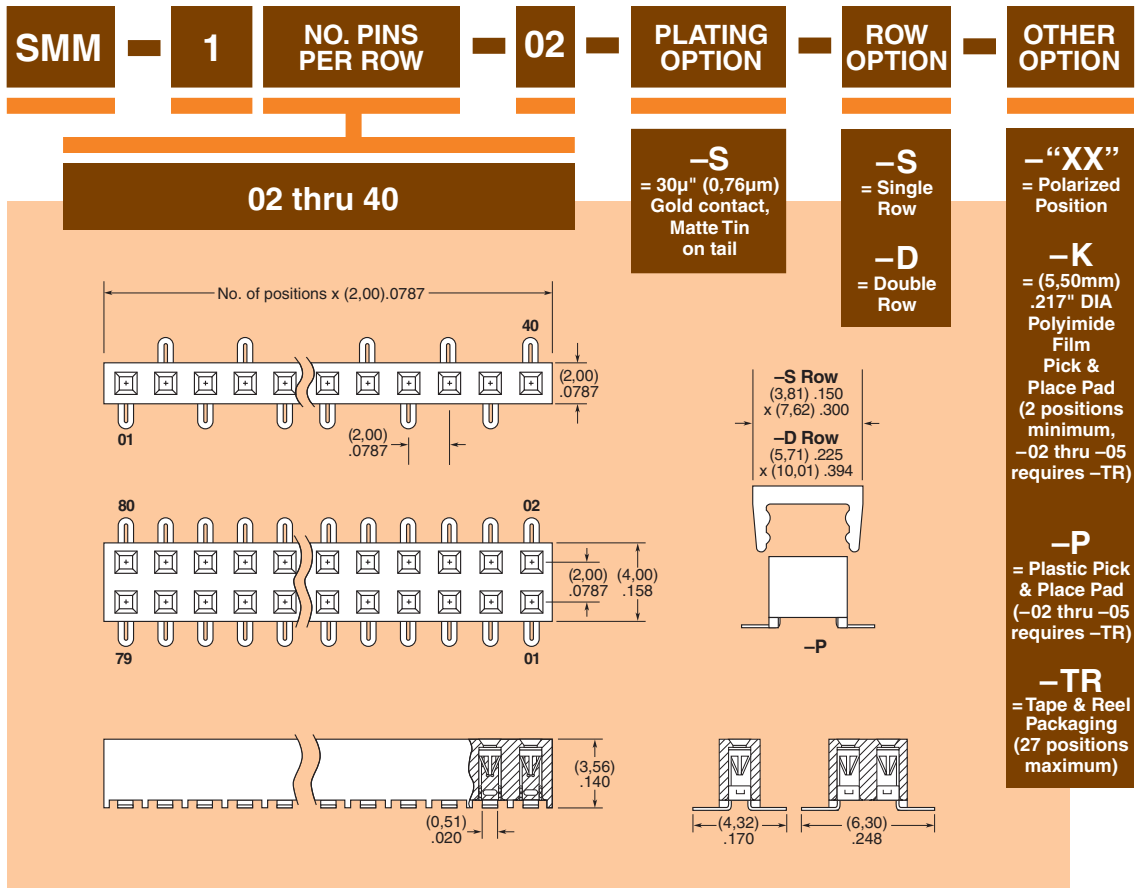
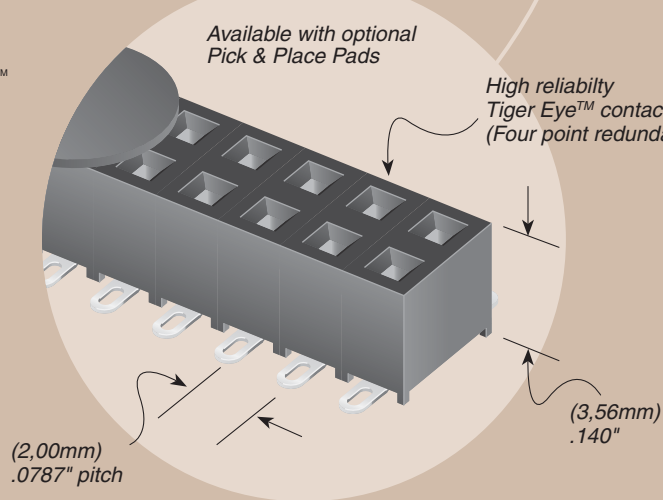
Specify PK-01-07 for polarizing key. Also polarizes TCSD Series IDC Cable.

APPLICATION SPECIFIC OPTION

Locking clip option available. Call Samtec.

Available with optional Pick & Place Pads

High reliability Tiger Eye™ contacts (Four point redundancy)



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

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

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