

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

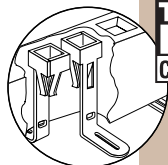
Processing:

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

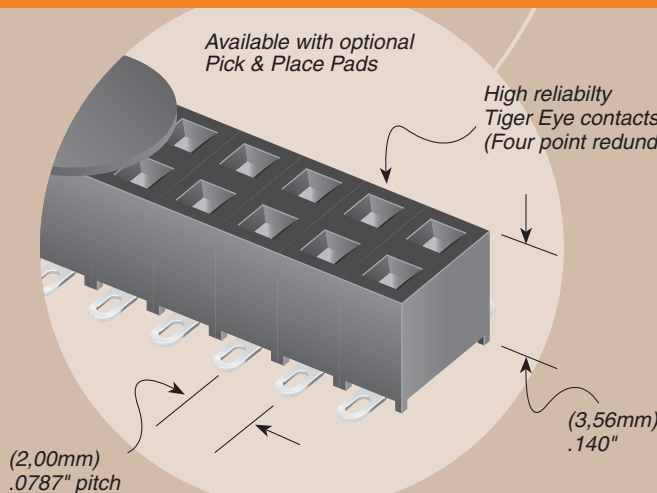
Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes TCSD Series IDC Cable.

APPLICATION SPECIFIC OPTION

Locking clip option available. Call Samtec.

Available with optional Pick & Place Pads

High reliability Tiger Eye contacts (Four point redundancy)



SMM

1

NO. PINS PER ROW

02

PLATING OPTION

ROW OPTION

OTHER OPTION

02 thru 40

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

-S
= Single
Row

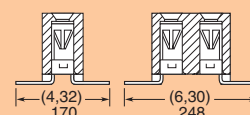
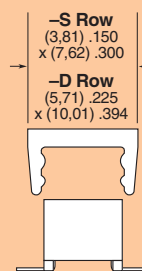
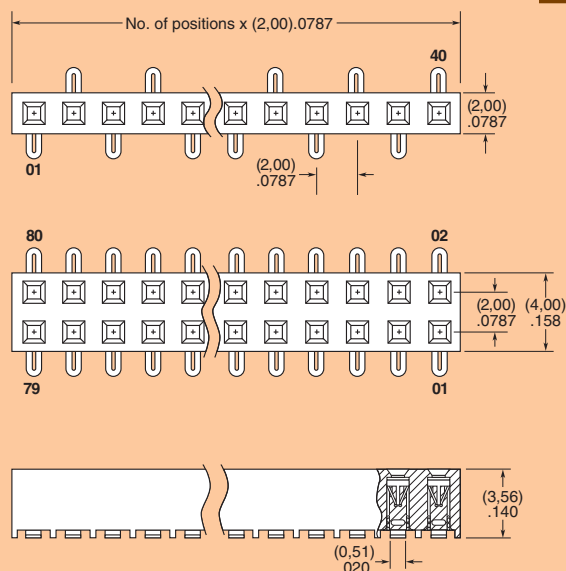
-D
= Double
Row

- "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)



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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