



(2,00 mm) .0787"

SMM-115-02-S-D

SMM-135-02-L-D-K

SMM-108-02-L-S

SMM-110-02-L-S

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" (1,27 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"

Insertion Force:

(Single contact only)

2.0 oz (0,56 N) average

Withdrawal Force:

(Single contact only)

1.5 oz (0,42 N) average

Max Cycles:

100 with 10μ" (0,25 μm) Au

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

Mates with:

TMM, TMMH,

MTMM, MMT, LTMM,

TW, TCMD, PTT, ZLTMM



Available with optional
Pick & Place Pads

High reliability
Tiger Eye™ contacts
(Four point redundancy)

(3,56 mm)
.140"

(2,00 mm)
.0787" pitch

SMM	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
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02 thru 40

-F
= Gold flash on contact, Matte Tin on tail

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

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

-S
= Single Row

-D
= Double Row

-“XX”
= Polarized Position

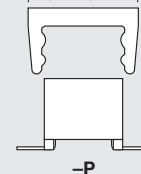
-K
= (5,50 mm) .217" DIA Polyimide Film Pick & Place Pad (2 positions minimum, -02 thru -05 requires -TR)

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

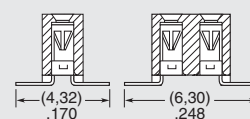
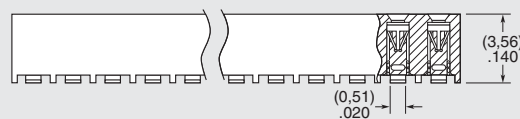
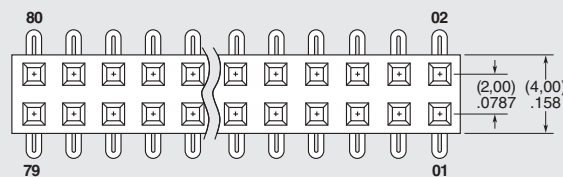
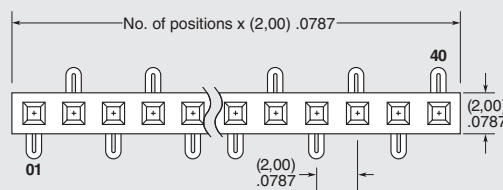
-TR
= Tape & Reel Packaging (27 positions maximum)

-S Row
(3,81) .150
x (7,62) .300

-D Row
(5,71) .225
x (10,01) .394



-P



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.