



(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:

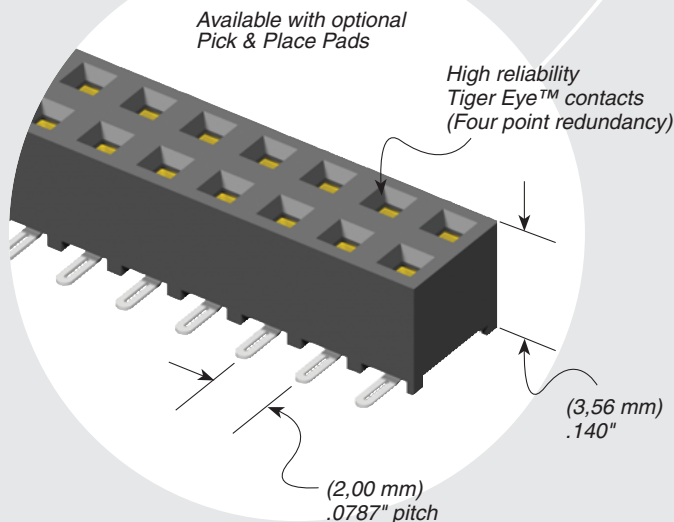
(0,10 mm) .004" max

Mates with:

TMM, TMMH, MTMM, MMT, LTMM, TW, TCMD, PTT, ZLTMM



10 year Mixed Flowing Gas with 30µ" Gold Call Samtec for maximum mated cycles



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
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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

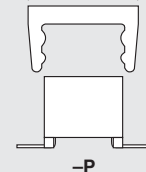
= Plastic Pick & Place Pad (-02 thru -05 requires -TR)

-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



FILE NO. E111594

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.

