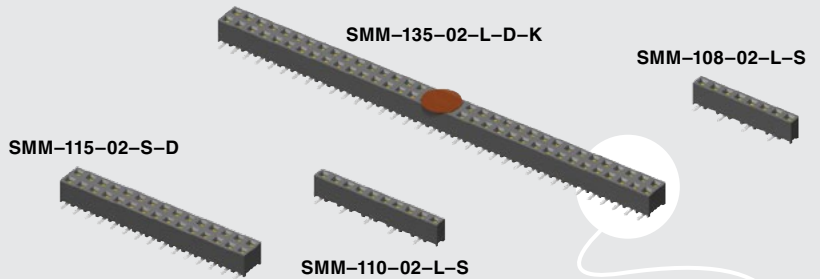




TIGER EYE™
SYSTEM

(2.00 mm) .0787"



SMM SERIES

TIGER EYE™ SOCKET STRIP

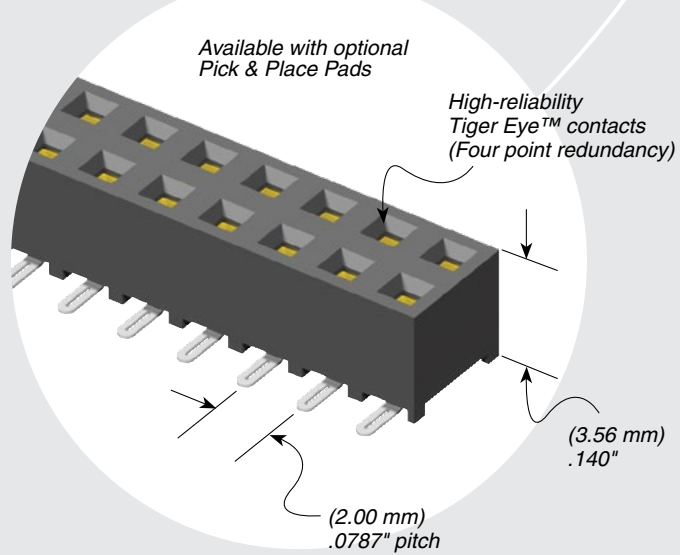
SPECIFICATIONS

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 50 μ" (1.27 μm) Ni
Current Rating (TMM/SMM):
3.2 A per pin
(2 pins powered)
Voltage Rating:
350 VAC
Operating Temp Range:
-55 °C to +125 °C
Insertion Depth:
(3.05 mm) .120" to (3.25 mm) .128"
Max Cycles:
100 with 10 μ" (0.25 μm) Au
RoHS Compliant:
Yes

Board Mates:
TMM, TMMH, MTMM, MMT, LTMM, TW, PTT, ZLTMM

Cable Mates:
TCMD



PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

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.

SMM	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40				-F = Gold flash on contact, Matte Tin on tail -L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail -S = 30 μ" (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)

No. of positions x (2.00) .0787

40

(2.00) .0787

80

79

02

01

(2.00) .0787

(4.00) .158

(0.38) .015

(0.51) .020

(3.56) .140

(4.32) .170

(6.30) .248

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.