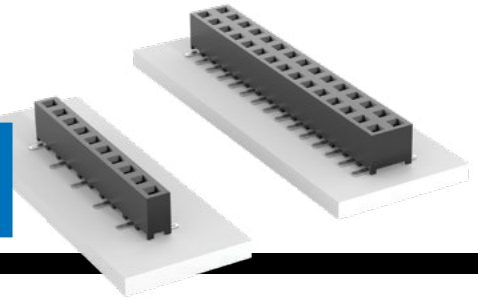
THE DATASHEET OF

SMM-105-01-F-D

TIGER™ EYE SYSTEM

(2.00 mm) .0787" PITCH • TIGER EYE™ SOCKET

8 Gbps



SMM	–	1	NO. PINS PER ROW	–	02	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTIONS

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)

–FR
= Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (27 positions maximum)

SMM

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

Cable Mates:
TCMD

SPECIFICATIONS

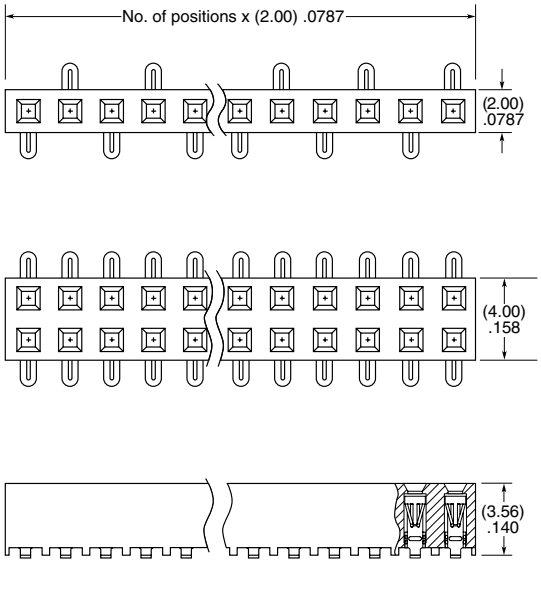
Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
BeCu
Plating: Sn or Au over 50 µ" (1.27 µm) Ni
Current Rating (TMM/SMM):
3.2 A per pin (2 pins powered)
Voltage Rating:
350 VAC
Operating Temp Range:
-55 °C to +125 °C
Insertion Depth:
(3.05 mm) .120" to (3.25 mm) .128"
Max Cycles:
100 with 10 µ" (0.25 µm) Au

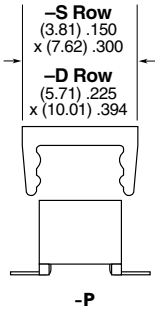
PROCESSING

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

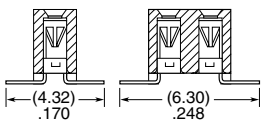
ALSO AVAILABLE
MOQ Required

Locking Clip
(Manual placement required)
Other platings





-P



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

View complete specifications at: **samtec.com?SMM**

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View SMM-105-01-F-D on WIN SOURCE
- Samtec Inc. Information

Optimize Your Supply Chain with WIN SOURCE Solutions

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- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management