

SFMC SERIES

(1,27 mm) .050"

FLEXIBLE PIN COUNT TIGER EYE™ SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SFMC

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Tiger Eye™ = BeCu
Tiger Eye™ LITE = Phosphor Bronze

Plating:
Au or Sn over 50µ" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
15 mΩ

Insertion Depth:
(3,05 mm) .120" to (4,06 mm) .160"

Insertion Force:
(Single contact only)
Standard= 2.5 oz (0,69 N) avg.
LITE= 2.0 oz (0,56 N) avg.
LIF= 1.5 oz (0,42 N) avg.

Normal Force:
Standard= 132g (1,29 N) avg.
LIF= 90g (0,88 N) avg.

Withdrawal Force:
(Single contact only)
Standard= 2.0 oz (0,56 N) avg.
LITE= 1.5 oz (0,42 N) avg.
LIF= 1.5 oz (0,42 N) avg.

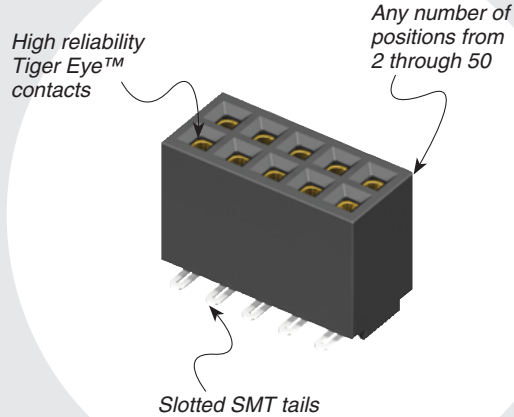
Max Cycles:
10,000 with 30µ" (0,76 µm) Au

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,10 mm) .004" max (02-26)
(0,15 mm) .006" max (27-50)

Mates with:
TFM, FMTF, FFMD



Available with optional Pick & Place Pads



02 thru 50

LEAD STYLE	A	B
-01, -L1, -T1	(3,05) .120	(0,51) .020
-03, -L3	(1,91) .075	(0,41) .016

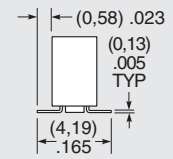
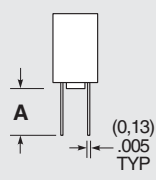
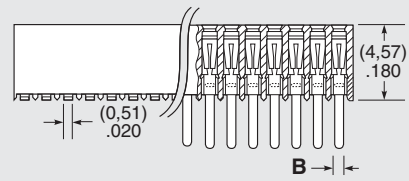
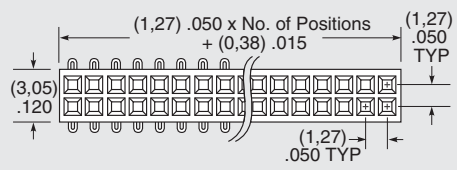
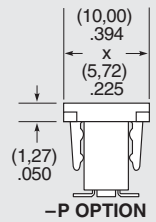
- 01, -03 = Through-hole
- L1, -L3 = Low Insertion Force Through-hole
- 02 = Surface Mount
- L2 = Low Insertion Force Surface Mount
- T1 = Through-hole Tiger Eye™ LITE
- T2 = Surface Mount Tiger Eye™ LITE

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

-K = (4,00 mm) .157 DIA Polyimide film Pick & Place Pad (4 positions minimum)

-P = Plastic Pick & Place Pad (5 positions minimum)

-TR = Tape & Reel



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [FFC & FPC Connectors](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[HFW11R-1STE1H1LF](#) [FH29B-100S-0.2SHW\(99\)](#) [FA5S008HP1](#) [FH29B-120S-0.2SHW\(99\)](#) [FH29B-80S-0.2SHW\(99\)](#) [FHS-16](#) [FPH-2022G](#)
[52610-1075](#) [52610-1275](#) [52610-1934](#) [XF3M\(1\)-1415-1B-R100](#) [501864-3091-TR225](#) [0525594033](#) [086210010340800](#) [086222026001800](#)
[52271-2869-CUT-TAPE](#) [62674-201121DLF](#) [62684-36210E9ALF](#) [52610-1675](#) [52746-1671-TR250](#) [10051922-2810EHLF](#) [6-520415-9](#)
[BD021-09A-A1-0350-0200-0550-LD](#) [SFV6R-1STE9HLF](#) [XF3M-2915-1B-R100](#) [1658549-1](#) [62674-221121ALF](#) [46214008010800](#)
[046298003000883](#) [151660622](#) [842-816-2630-035](#) [AYF530665TA](#) [AYF351525](#) [046296011930846+](#) [AYF352325A](#) [046254020000800+](#)
[FH19C-13S-0.5SH\(99\)](#) [FH39J-51S-0.3SHW\(99\)](#) [AYF355125A](#) [AYF530365TA](#) [FH29B-44S-0.2SHW\(99\)](#) [SFW5R-2STAE9LF](#) [AYF351125A](#)
[AYF350725A](#) [62684-502100AHLF](#) [FH39-61S-0.3SHW\(99\)](#) [AYF414035A](#) [10064555-172520HLF](#) [AYF212335A](#) [504754-2500](#)