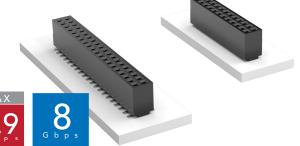


FLEXIBLE PIN COUNT TIGER EYE™ SOCKET

(1.27 mm) .050" PITCH • SFMC SERIES



D

SFMC Board Mates:

Cable Mates:

FMTP, FFMD*

*Note: Standard FFMD callout will not mate with FLE, SFMC. Must use gold plated callouts. (See drawing on web.)

SFMC

NO. PINS PER ROW

02 thru 50

IFAD **STYLE**

-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

= Surface Mount Tiger Eye™ LITE

PLATING OPTION

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

= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

-K (4.00 mm) .157" DIA Polyimide film Pick & Place Pad

> -P = Plastic Pick & Place Pad (5 positions min.)

(4 positions min.)

OPTIONS

-TR = Tape & Reel

-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

SPECIFICATIONS

Insulator Material: Black Liquid Crystal Polymer **Contact Material:** Tiger Eye[™] = BeCu Tiger Eye[™] LITE= Phosphor Bronze Plating: Au or Sn over 50 μ" (1.27 μm) Ni Current Rating: 2.9 A per pin (2 pins powered) Voltage Rating: 219 VAC/310 VDC Operating Temp Range:

-55 °C to +125 °C Insertion Depth: (3.05 mm) .120" to (4.06 mm) .160" **Max Cycles:**

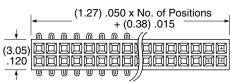
10,000 with 30 μ" (0.76 μm) Au

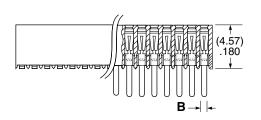
PROCESSING Lead-Free Solderable:

SMT Lead Coplanarity: (0.10 mm) .004" max (02-26) (0.15 mm) .006" max (27-50)* *(.004" stencil solution may be available; contact ipg@samtec.com)

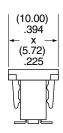
ALSO AVAILABLE

Other plating



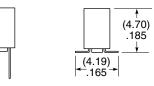


LEAD STYLE	A	В
-01, -L1, -T1	(3.05) .120	(0.51) .020
-03, -L3	(1.91) .075	(0.41) .016



-P OPTION

Α



Note:

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

View complete specifications at: samtec.com?SFMC