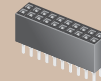
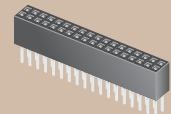


SFMC-120-T2-S-D

SFMC-106-T2-S-D



SFMC-110-T1-S-D



SFMC-118-T1-S-D

.050" (1,27mm) PITCH SOCKETS SFMC SERIES

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 over 50μ" (1,27μm) Ni

Current Rating:

2A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

15 mΩ max

Insertion Depth:

(3,05mm) .120" to

(4,06mm) .160"

Insertion Force:

(Single contact only)

Standard= 2.5oz (0,69N) avg.

LITE= 2.0oz (0,56N) avg.

LIF= 1.5oz (0,42N) avg.

Normal Force:

Standard= 132g (1,29N) avg.

LIF= 90g (0,88N) avg.

Withdrawal Force:

(Single contact only)

Standard= 2.0oz (0,56N) avg.

LITE= 1.5oz (0,42N) avg.

Max Cycles:

10,000 with 30μ" (0,76μm) Au

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (02-26)

(0,15mm) .006" max (27-50)

Mates with:

TFM, FTSH(LIF), FW(LIF),
TFMDL, FMTP, FFMD



High reliability
Tiger Eye™
contacts

Any number of
positions from
2 through 50

Slotted SMT tails

Available with optional
Pick & Place Pads

SFMC

1

NO. PINS
PER ROW

LEAD
STYLE

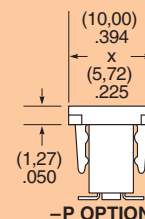
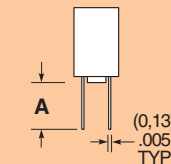
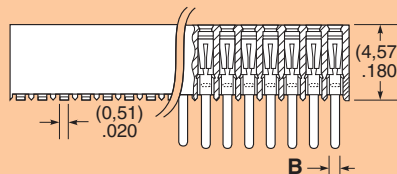
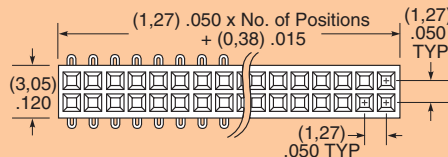
PLATING
OPTION

D

OPTION

02 thru 50

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



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

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

-TR
= Tape & Reel

Note: Other Gold plating
options available.
Contact Samtec.

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

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

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