FLEXIBLE PIN COUNT
TIGER EYE™ SOCKET

(1.27 mm) .050” PITCH • A-SFMC SERIES

A-SFMC
Board Mates:
A-TFM

TIGER™
EYE
SYSTEM

SPECIFICATIONS
Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
BeCu
Plating:
Au or Sn over
50 µ” (1.27 µm) Ni
Current Rating:
2.9 A per pin
(2 pins powered)
Voltage Rating:
220 VAC/310 VDC
Operating Temp Range:
-55 °C to +125 °C
Insertion Depth:
(3.05 mm) .120” to
(4.06 mm) .160”
Normal Force:
Standard= 132 g (1.29 N) avg.
Max Cycles:
10,000 with 30 µ” (0.76 µm) Au

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

ALSO AVAILABLE
Other plating
(MOQ Required)

LEAD STYLE | A | B
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-01 | (3.05) .120 | (0.51) .020
-03 | (1.91) .075 | (0.41) .016

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

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

Samtec shall only comply with IATF-16949 on products it certifies as Automotive Custom Design “ACD” or on those designated with “A-” Samtec part # prefix.
“A-” products are designed to Samtec’s specifications not customers’ specifications. Contact autosalesgroup@samtec.com with questions.