

(1.27 mm) .050"

SFC SERIES

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

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

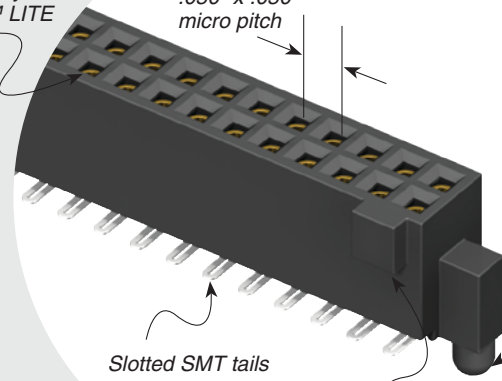
- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** Phosphor Bronze
- Plating:** Au or Sn over 50 μ" (1.27 μm) Ni
- Current Rating:** 3.1 A per pin (2 pins powered)
- Voltage Rating:** 350 VAC mated with TFC
- Operating Temp Range:** -55 °C to +125 °C
- Insertion Depth:** (3.05 mm) .120" to (4.06 mm) .160"
- Max Cycles:** 10,000 with 30 μ" (0.76 μm) Au
- RoHS Compliant:** Yes

Board Mates:
TFC

Cable Mates:
TFSD, TFSOT

High-reliability Tiger Eye™ LITE contacts

(1.27 mm x 1.27 mm) .050" x .050" micro pitch



Alignment pin option

Slotted SMT tails

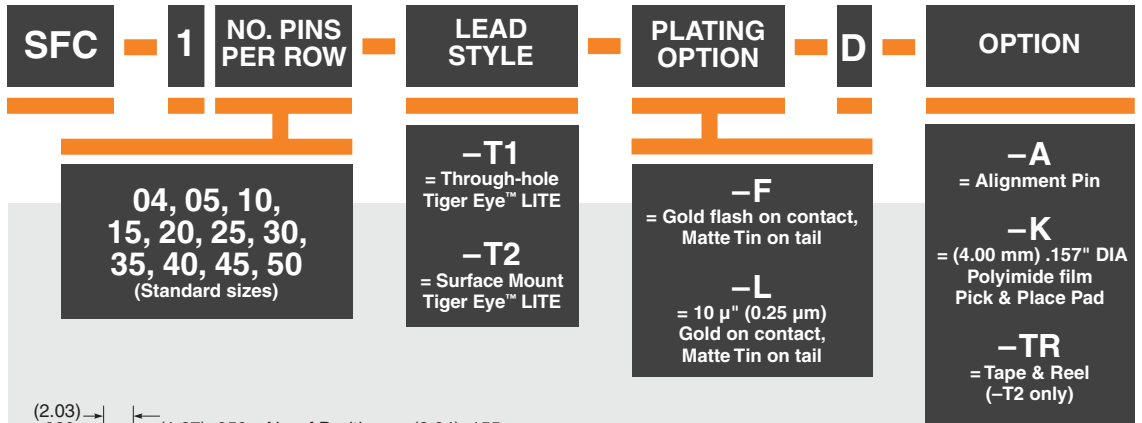
Polarized

PROCESSING

- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** (0.10 mm) .004" max (04-25) (0.15 mm) .006" max (30-50)* (.004" stencil solution may be available; contact IPG@samtec.com)

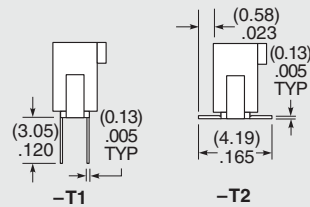
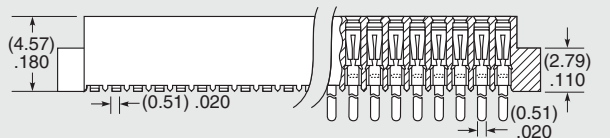
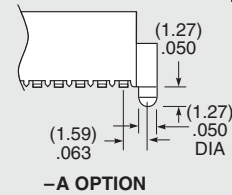
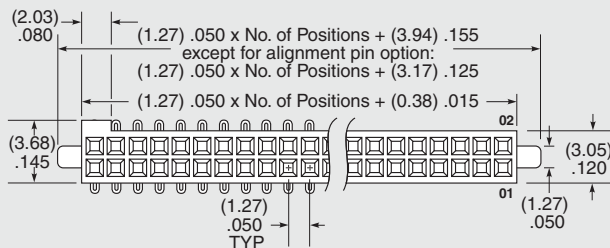
RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Other sizes



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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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