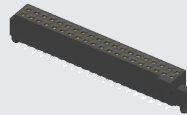
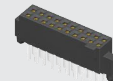




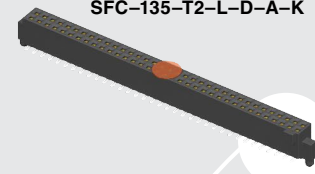
SFC-120-T2-L-D-A



SFC-110-T1-L-D-A



SFC-135-T2-L-D-A-K



(1.27 mm) .050"

SFC SERIES

# COST-EFFECTIVE RELIABLE SOCKET

## SPECIFICATIONS

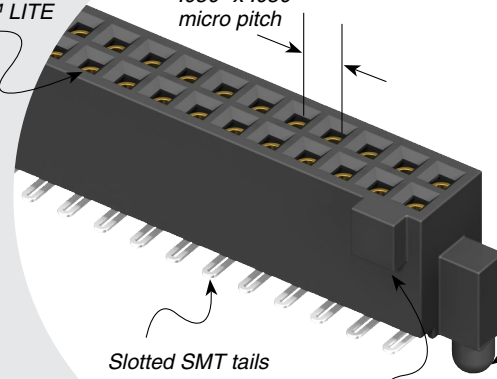
**Insulator Material:**  
Black Liquid Crystal Polymer  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating:**  
3.1 A per pin  
(2 pins powered)  
**Voltage Rating:**  
350 VAC mated with TFC  
**Operating Temp Range:**  
-55 °C to +125 °C  
**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:**  
TFS, TFS-D

High-reliability  
Tiger Eye™ LITE  
contacts

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



Slotted SMT tails

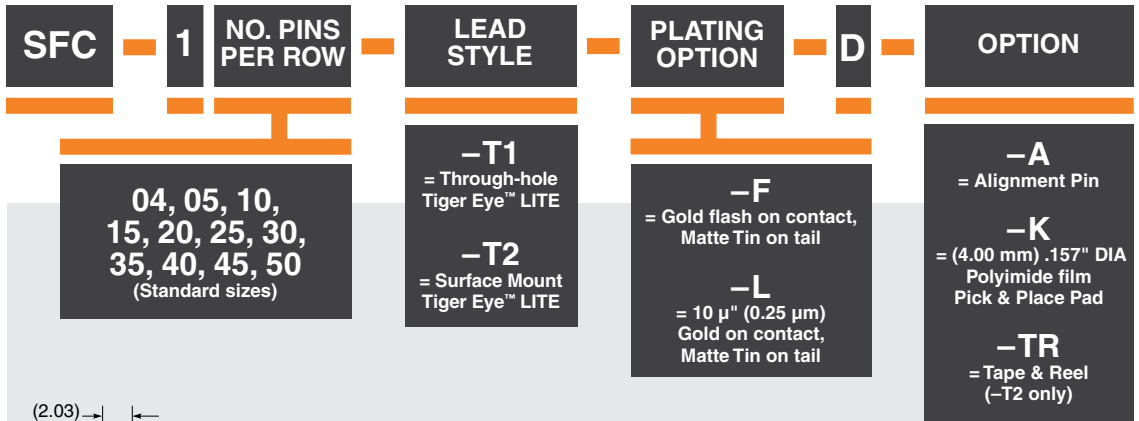
Alignment  
pin option

Polarized

## PROCESSING

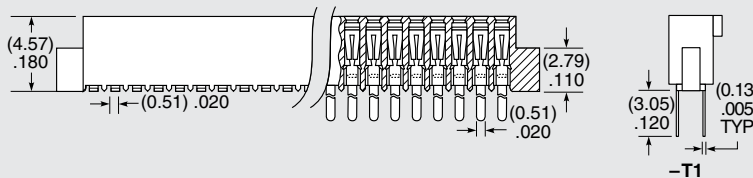
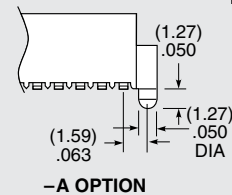
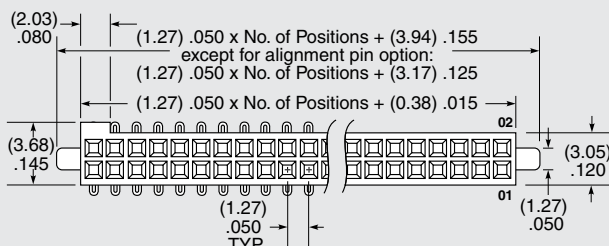
**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max (04-25),  
(0.15 mm) .006" max (30-50)\*  
\*(.004" stencil solution  
may be available)

## RECOGNITIONS



**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.

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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.