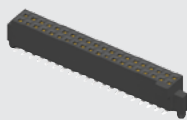


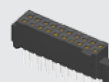


(1.27 mm) .050"

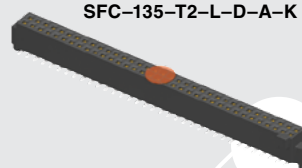
SFC-120-T2-L-D-A



SFC-110-T1-L-D-A



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



SFC SERIES

# COST SAVING RELIABLE SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SFC](http://www.samtec.com?SFC)

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating:

3.1 A per pin

(1 pin powered per row)

### Voltage Rating:

350 VAC mated with TFC

### Operating Temp Range:

-55 °C to +125 °C

### Contact Resistance:

15 m $\Omega$

### Insertion Depth:

(3.05 mm) .120" to

(4.06 mm) .160"

### Max Cycles:

10,000 with 30  $\mu$ " (0.76  $\mu$ m) Au

### RoHS Compliant:

Yes

### Board Mates:

TFC

### Cable Mates:

TFSD, TFSDT



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)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594



FILE NO. 990071\_0\_000

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

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

