



(1,27 mm) .050"

SFC SERIES

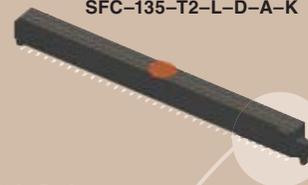
SFC-120-T2-L-D-A



SFC-110-T1-L-D-A



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



# 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

50µ" (1,27 µm) Ni

### Current Rating:

2A/Contact @ 80°C ambient

### Voltage Rating:

350 VAC mated with TFC

### Operating Temp Range:

-55°C to +125°C

### Contact Resistance:

15 mΩ

### Insertion Depth:

(3,05 mm) .120" to

(4,06 mm) .160"

### Insertion Force:

(Single contact only)

2.5 oz (0,69 N) avg.

### Withdrawal Force:

(Single contact only)

2.0 oz (0,56 N) avg.

### Max Cycles:

10,000 with 30µ" (0,76 µm) Au

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0,10 mm) .004" max (10-25)

(0,15 mm) .006" max (30-50)

Mates with:  
TFC, TFSD, TFSDT



High reliability  
Tiger Eye™ LITE  
contacts

(1,27 mm x 1,27 mm)  
.050" x .050"  
micro pitch

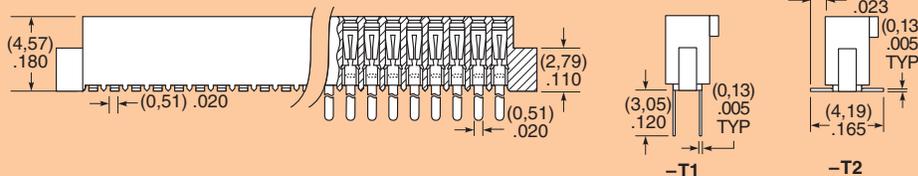
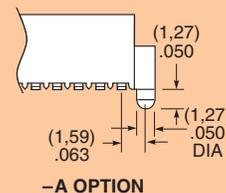
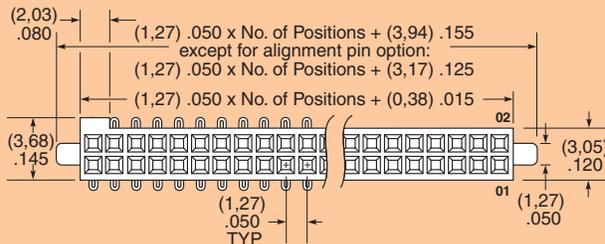
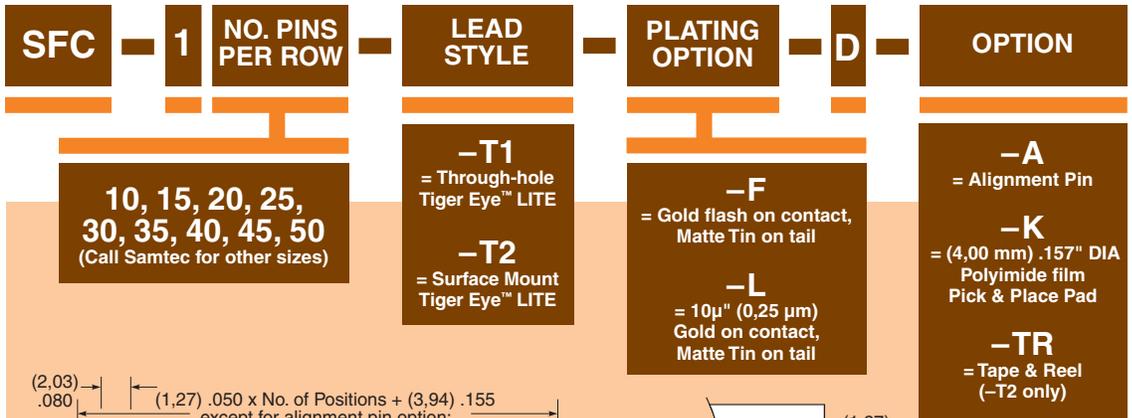
Slotted SMT tails

Alignment  
pin option

Polarized

ALSO  
AVAILABLE

Other sizes and more  
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.

WWW.SAMTEC.COM