



(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-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 μ 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 Ω

Insertion Depth:

(3.05 mm) .120" to

(4.06 mm) .160"

Max Cycles:

10,000 with 30 μ " (0.76 μ m) Au

RoHS Compliant:

Yes

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



FILE NO. E111594



FILE NO. 090871_0_000

ALSO AVAILABLE (MOQ Required)

- Other sizes
Contact Samtec.

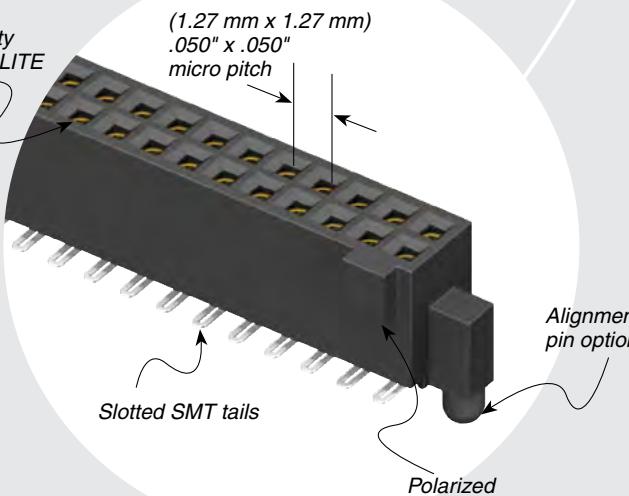
Board Mates:
TFC

Cable Mates:
TFSD, TFSDT



High reliability
Tiger Eye™ LITE
contacts

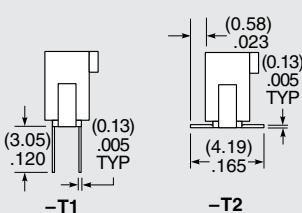
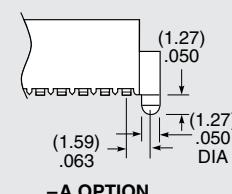
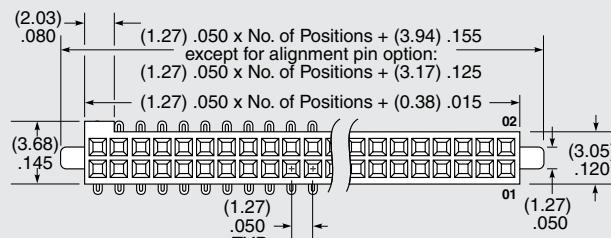
(1.27 mm x 1.27 mm)
.050" x .050"
micro pitch



Alignment
pin option

Polarized

SFC	— 1 —	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	OPTION
		04, 05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)	—T1 = Through-hole Tiger Eye™ LITE —T2 = Surface Mount Tiger Eye™ LITE	—F = Gold flash on contact, Matte Tin on tail —L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	—A = Alignment Pin —K = (4.00 mm) .157" DIA Polyimide film Pick & Place Pad —TR = Tape & Reel (—T2 only)



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec](#):

[SFC-140-T2-L-D-K-TR](#) [SFC-110-T1-L-D-K](#) [SFC-105-T1-L-D-K](#) [SFC-104-T2-F-D-K-TR](#) [SFC-104-T2-F-D-A-TR](#)