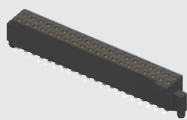


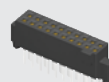


(1,27 mm) .050"

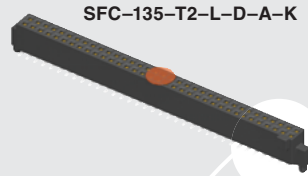
SFC-120-T2-L-D-A



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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50μ" (1,27 μm) Ni

Current Rating:

2.9 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 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 (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.

Mates with:
TFC, TFSD, TFSOT



High reliability
Tiger Eye™ LITE
contacts

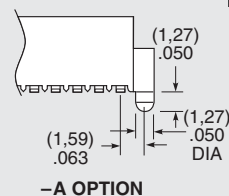
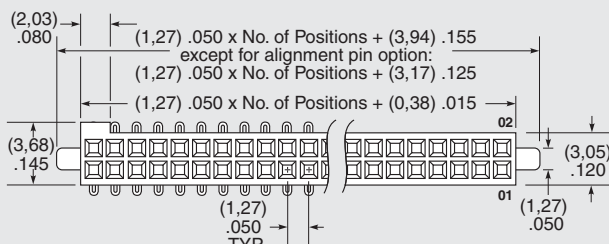
(1,27 mm x 1,27 mm)
.050" x .050"
micro pitch

Slotted SMT tails

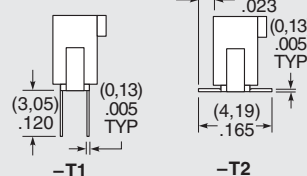
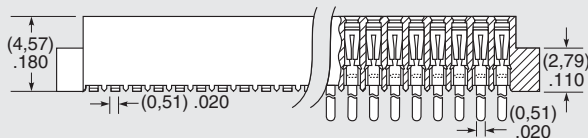
Alignment
pin option

Polarized

SFC	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	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 = 10μ" (0,25 μm) 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)



-A OPTION



-T1

-T2

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