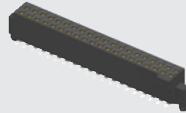


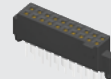


(1,27 mm) .050"

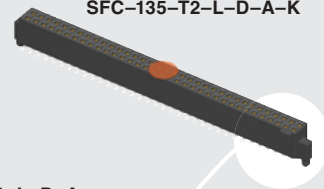
SFC-120-T2-L-D-A



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 ROWLEAD
STYLEPLATING
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

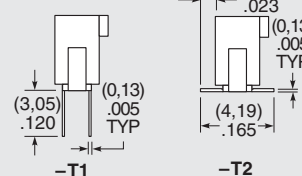
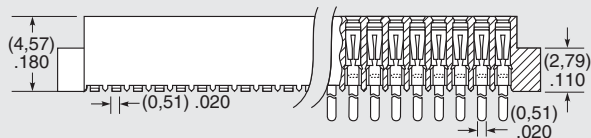
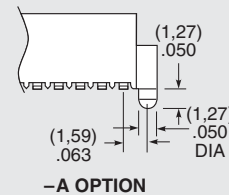
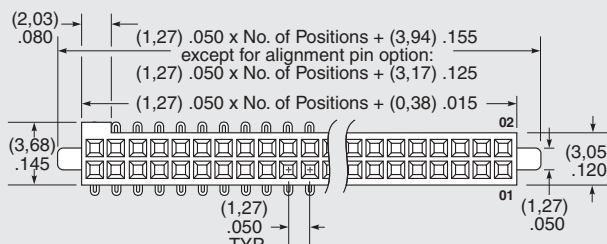
—F
= Gold flash on contact,
Matte Tin on tail

—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)



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