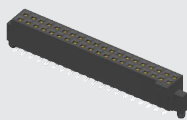


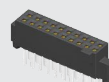


**TIGER
EYE**
SYSTEM

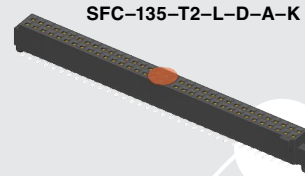
SFC-120-T2-L-D-A



SFC-110-T1-L-D-A



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



(1.27 mm) .050"

SFC SERIES

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

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

(2 pins powered)

Voltage Rating:

350 VAC mated with TFC

Operating Temp Range:

-55 °C to +125 °C

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)*

*(.004" stencil solution may be available)

RECOGNITIONS



FILE NO. E111594

Board Mates:

TFC

Cable Mates:

TFSD, TFSDT

**TIGER
EYE**
LITE

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
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

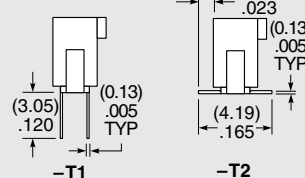
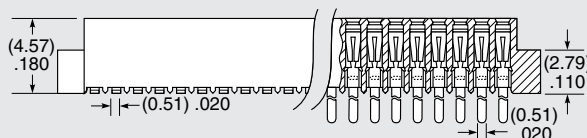
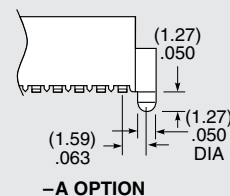
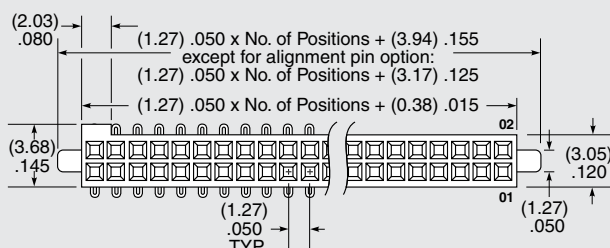
-A
= Alignment Pin

-K
= (4.00 mm) .157" DIA
Polyimide film
Pick & Place Pad

-TR
= Tape & Reel
(-T2 only)

ALSO AVAILABLE (MOQ Required)

- Other sizes



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.

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All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.