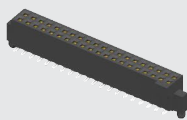
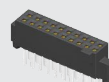


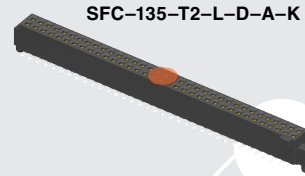
SFC-120-T2-L-D-A



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



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)

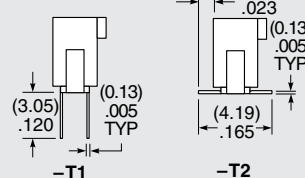
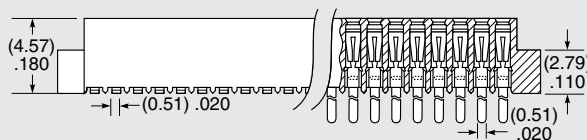
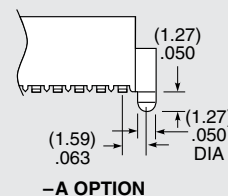
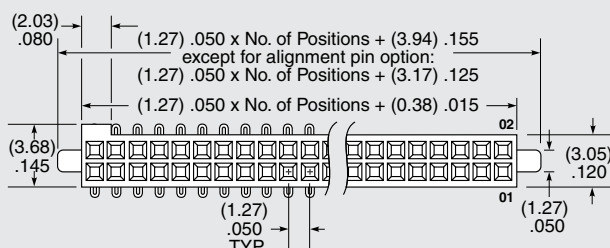
—T1
= Through-hole
Tiger Eye™ LITE
—T2
= Surface Mount
Tiger Eye™ LITE

—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.