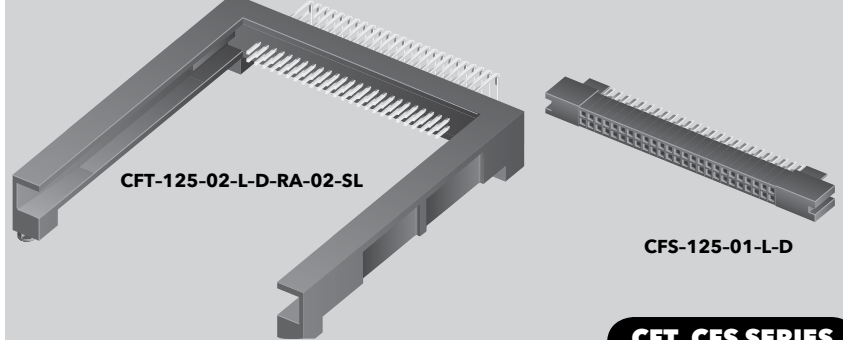




(1.27 mm) .050"

CFT, CFS SERIES

COMPACT FLASH TERMINALS & SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?CFT or www.samtec.com?CFS

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material (CFT):
Phosphor Bronze

Contact Material (CFS):
BeCu

Plating:

Sn or Au over
50µ" (1.27 µm) Ni

Operating Temp Range:

CFT = -55 °C to +105 °C Tin

CFT = -55 °C to +125 °C Gold

CFS = -55 °C to +125 °C

Insertion Depth (CFS):

(3.05 mm) .120" min

Insertion Force (CFS):

(Single contact only)

3.3 oz (0.92 N) avg.

Withdrawal Force (CFS):

(Single contact only)

2.5 oz (0.70 N) avg.

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

CFT = (0.15 mm) .006" max

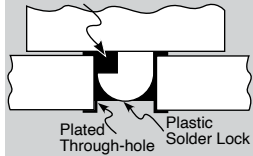
CFS = 0.10 mm) .004" max

RoHS Compliant:

Yes

APPLICATIONS

Reflowed solder
forced into lock notch



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



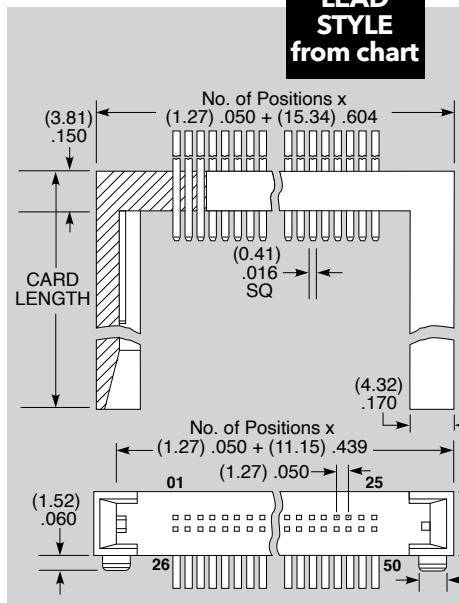
FILE NO. E111594

TIGER EYE
CONTACT

CFT - 125 - LEAD STYLE - PLATING OPTION - D - RA - CARD LENGTH - SL

Mates with:
CFS

Specify
LEAD
STYLE
from chart



-L
= 10µ" (0.25 µm) Gold on post,
Matte Tin on tail

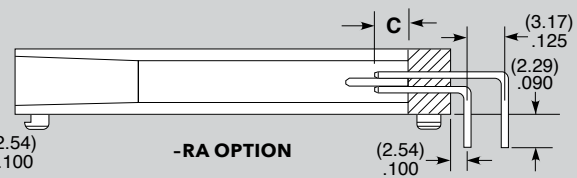
-S
= 30µ" (0.76 µm) Gold on post,
Matte Tin on tail

-01
= (25.40 mm) 1.00"
Card Length

-02
= (50.80 mm) 2.00"
Card Length

LEAD STYLE	Y
-01	(6.35) .250
-02	(8.89) .350

POSITION NUMBER	C (POST)
(3.50) .138	(3.50) .138
(5.00) .197	(5.00) .197
(4.25) .167	(4.25) .167



CFS - 1 - NO. PINS PER ROW - CARD THICKNESS - PLATING OPTION - D

Mates with:
CFS

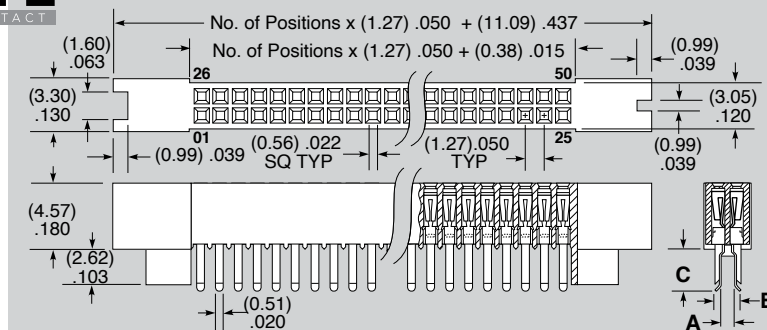
25

-01
= (0.80 mm) .031" thick board

-02
= (1.60 mm) .062" thick board

-L
= 10µ" (0.25 µm) Gold on contact,
Matte Tin on tail

-S
= 30µ" (0.76 µm) Gold on contact,
Matte Tin on tail



CARD THICKNESS	A	B	C
-01	(1.02) .040	(1.79) .070	(3.12) .123
-02	(1.70) .067	(2.46) .097	(2.77) .109

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

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Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.