

(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

Contact Resistance (CFS):
10 mΩ

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

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

Mates with:
CFS

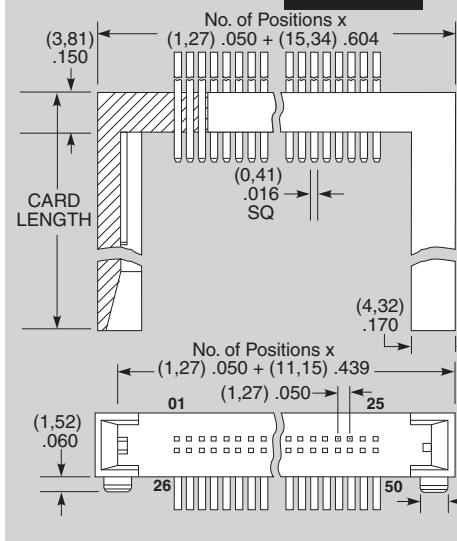
Specify
LEAD
STYLE
from chart

-L
= 10µ" (0,25 µm) Gold on post,
Matte Tin on tail

-S
= 30µ" (0,76 µm) Gold on post,
Matte Tin on tail

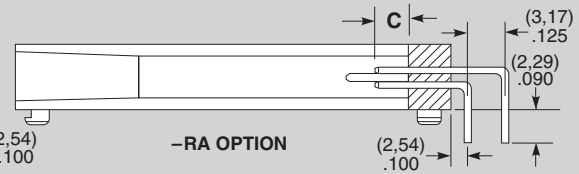
-01
= (25,40 mm) 1.00"
Card Length

-02
= (50,80 mm) 2.00"
Card Length



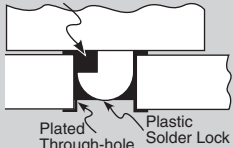
LEAD STYLE	Y
-01	(6,35) .250
-02	(8,89) .350

POSITION NUMBER	C (POST)
(3,50) .138	(3,50) .138
(5,00) .197	(5,00) .197
(4,25) .167	(4,25) .167



APPLICATIONS

Reflowed solder forced into lock notch



RECOGNITIONS

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



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

Mates with:
CFT

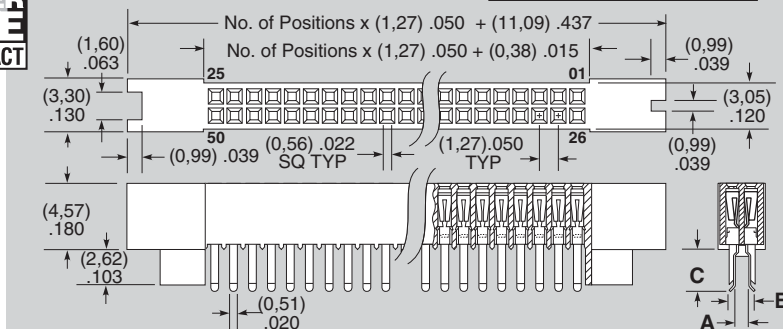
25

-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.