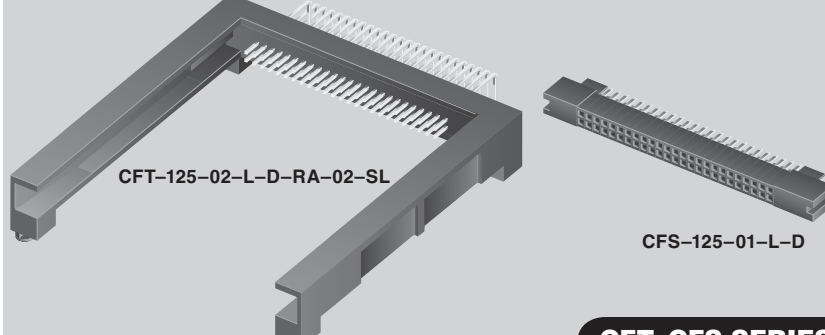




(1,27 mm) .050"

CFT, CFS SERIES

# COMPACT FLASH TERMINALS & SOCKETS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?CFT](http://www.samtec.com?CFT) or [www.samtec.com?CFS](http://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

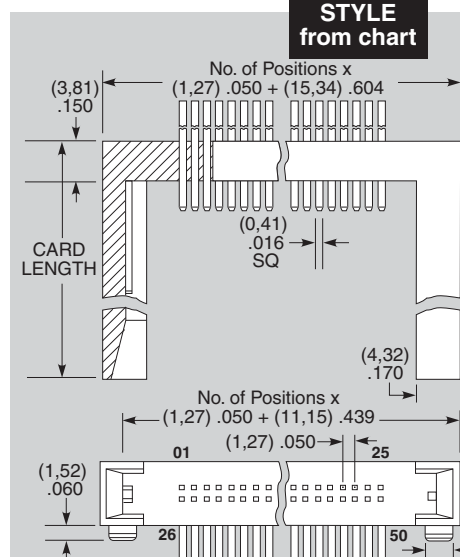
CFS = (0,10 mm) .004" max

**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

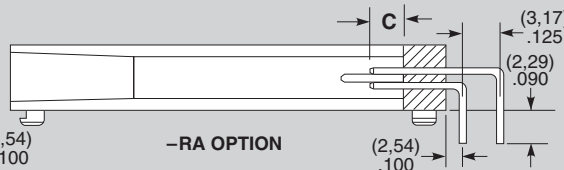
**-S**  
= 30µ" (0,76 µm) Gold on post,  
Matte Tin on tail

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

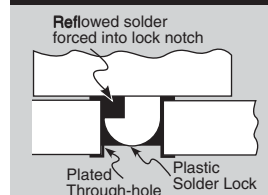
**-02**  
= (50,80 mm) 2.00"  
Card Length

| 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



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

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

Mates with:  
CFT

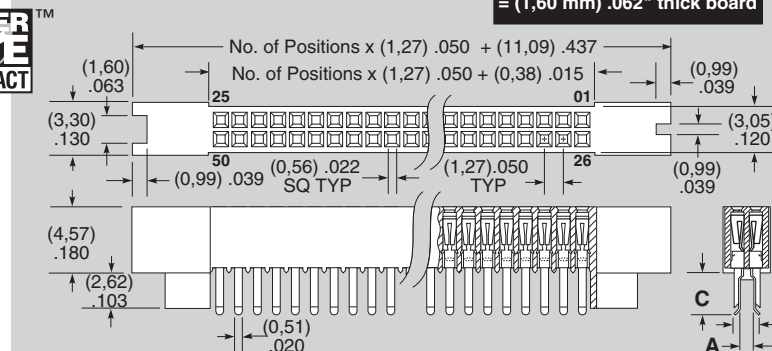
25

**-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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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