

(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

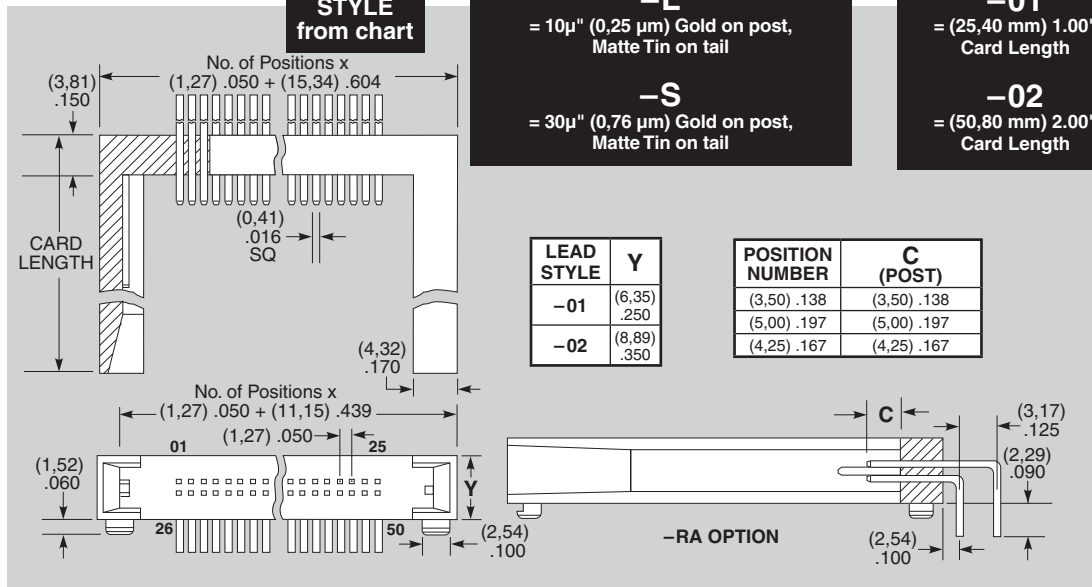
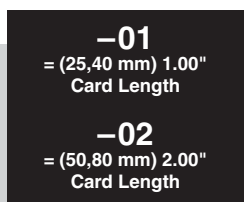
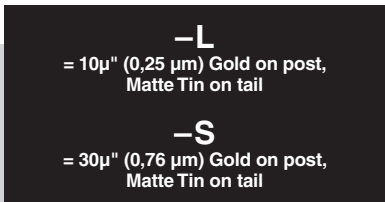
**SMT Lead Coplanarity:**  
CFT = (0,15 mm) .006" max  
CFS = (0,10 mm) .004" max

**RoHS Compliant:**  
Yes

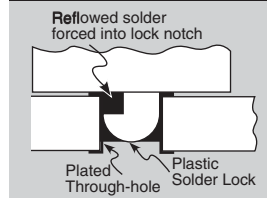


Mates with:  
CFS

Specify LEAD STYLE from chart

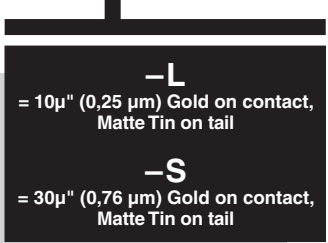


## APPLICATIONS

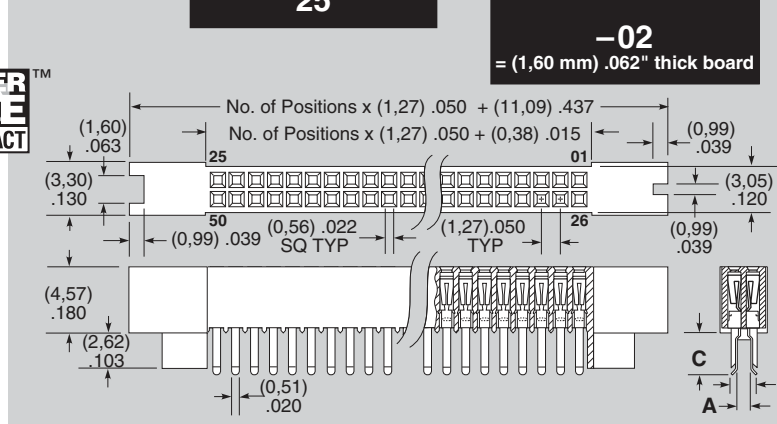


Mates with:  
CFT

25



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



## RECOGNITIONS

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



**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)