

(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

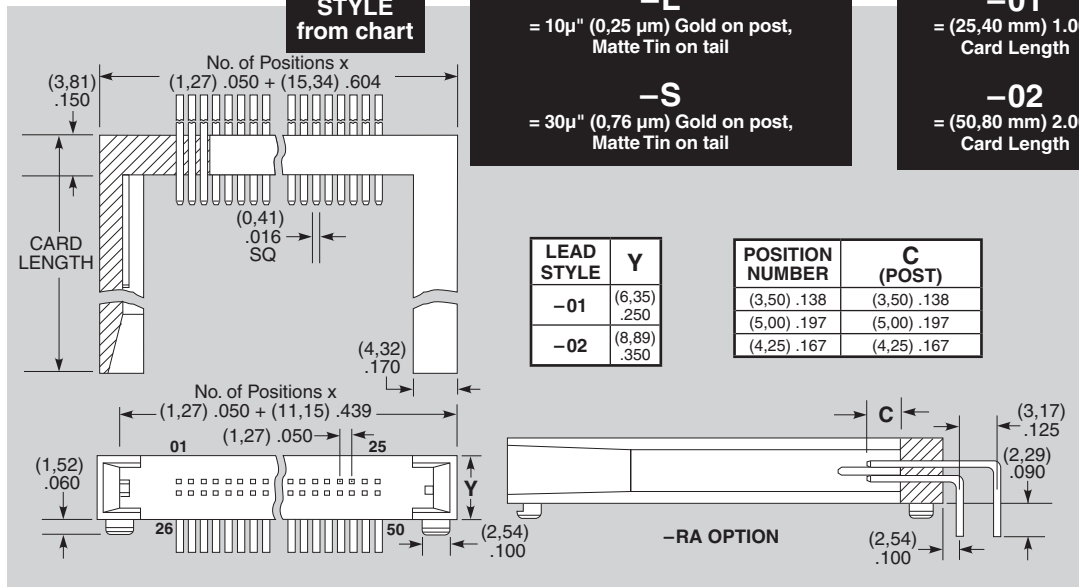
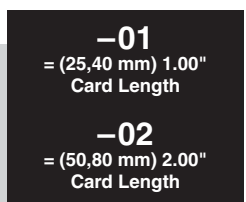
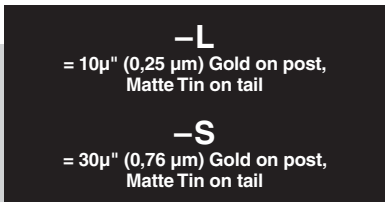
**RoHS Compliant:**

Yes

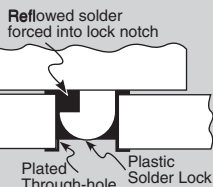


Mates with:  
CFS

Specify  
LEAD  
STYLE  
from chart



## APPLICATIONS



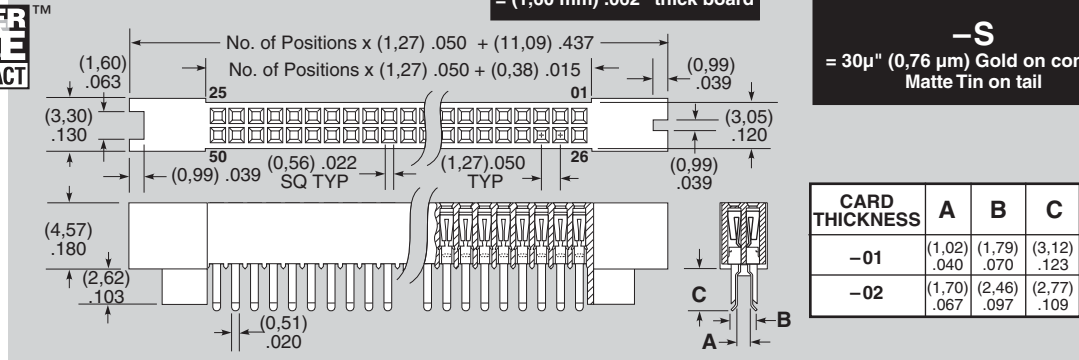
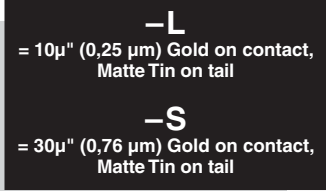
## RECOGNITIONS

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



Mates with:  
CFT

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**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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