

**(1,27mm) .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)

**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50µ" (1,27µm) Ni  
**Current Rating:** 2A @ 80°C ambient  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,15mm) .006" max  
**RoHS Compliant:** Yes



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

Mates with: CFS

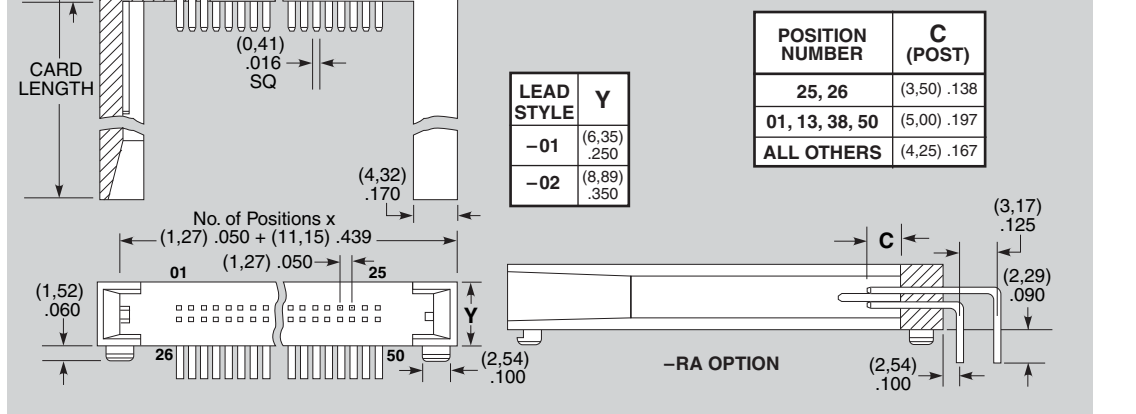
Specify LEAD STYLE from chart

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

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

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

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



**APPLICATION**

Reflowed solder forced into lock notch

Plated Through-hole Plastic Solder Lock

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

**SPECIFICATIONS**

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

**Insulator Material:** Black Liquid Crystal Polymer  
**Contact Material:** BeCu  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 1A  
**Operating Temp Range:** -55°C to +125°C  
**Contact Resistance:** 10 mΩ max  
**Insertion Depth:** (3,05mm) .120" min  
**Insertion Force:** (Single contact only) 3.3oz (0,92N) avg.  
**Withdrawal Force:** (Single contact only) 2.5oz (0,70N) avg.  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max  
**RoHS Compliant:** Yes

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

Mates with: CFT

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

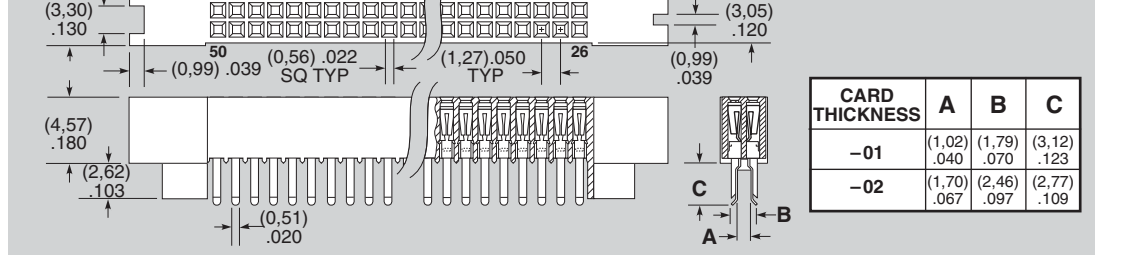
**25**

**-01**  
 = (0,80mm) .031" thick board

**-02**  
 = (1,60mm) .062" thick board

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

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



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

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