

# COMPACT FLASH CFT, CFS SERIES

## SPECIFICATIONS

For complete specifications 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

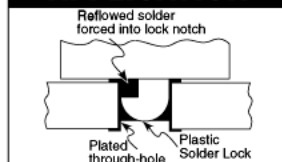
**Operating Temp Range:**  
-55°C to +105°C with Tin;  
-55°C to +125°C with Gold

**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x with Matte Sn plating

**Lead-Free Solderable:**  
Yes, with Matte Sn

**SMT Lead Coplanarity:**  
(0,15mm) .006" max

## APPLICATION



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

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

**Mates with:**  
CFS

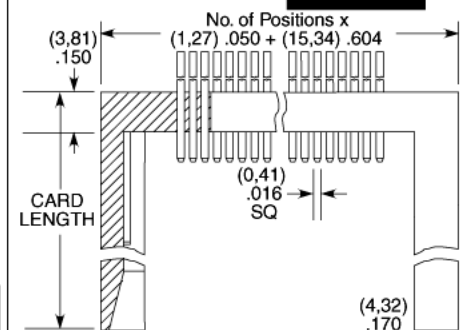
**Specify LEAD STYLE from chart**

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

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

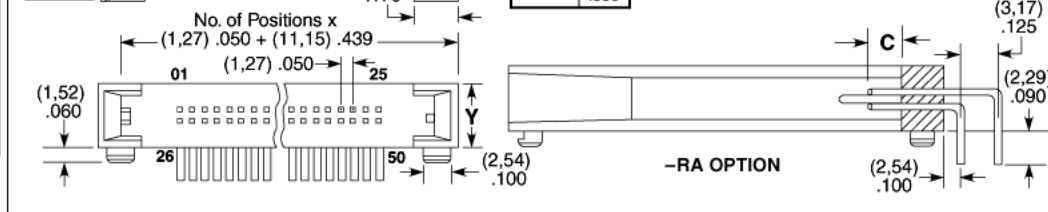
**-01**  
= (25,40mm) 1.00" Card Length

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



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

| POSITION NUMBER | C (POST)    |
|-----------------|-------------|
| 25, 26          | (3,50) .138 |
| 01, 13, 38, 50  | (5,00) .197 |
| ALL OTHERS      | (4,25) .167 |



## SPECIFICATIONS

For complete specifications 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.

**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x with Matte Sn plating

**Lead-Free Solderable:**  
Yes, with Matte Sn

**SMT Lead Coplanarity:**  
(0,10mm) .004" max



**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.

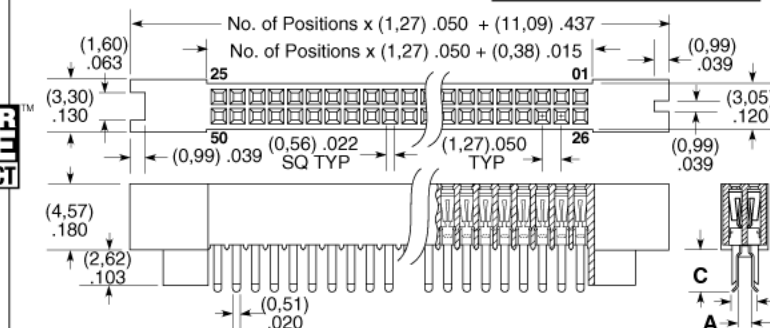
**25**

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

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

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

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

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

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