

COMPACT FLASH CFT, CFS SERIES

SPECIFICATIONS

For complete specifications see 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

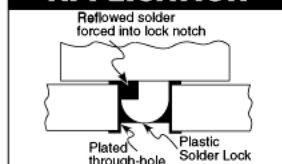
Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold

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

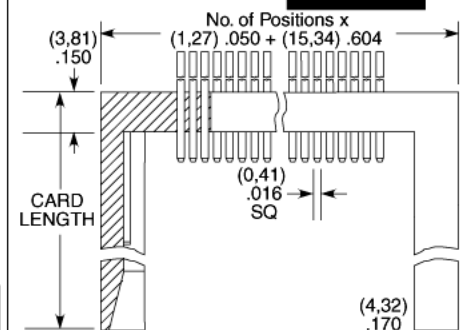
Specify LEAD STYLE from chart

-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

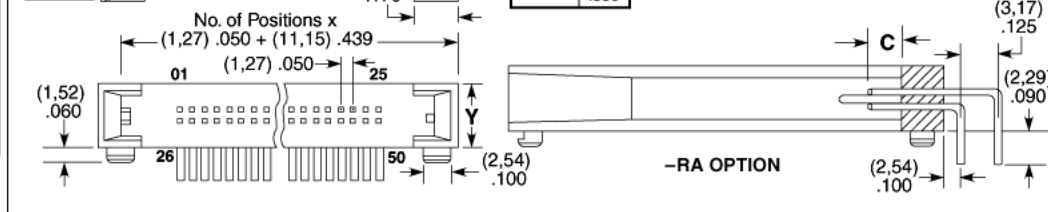
-01
= (25,40mm) 1.00" Card Length

-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

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.

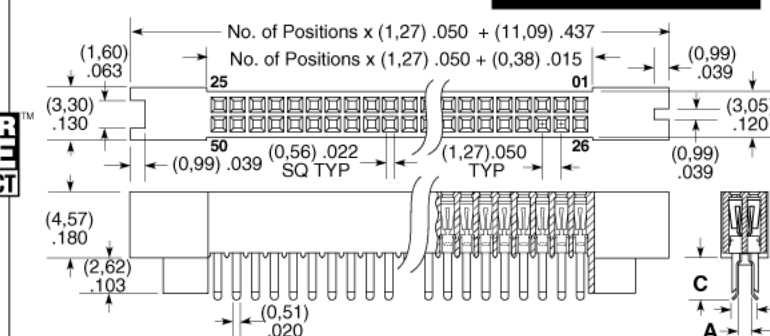
25

-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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