



(1,27mm) .050"
CFT, CFS SERIES

COMPACT FLASH TERMINALS & SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts 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

Lead-Free Solderable: Yes

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

RoHS Compliant: Yes

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 = 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

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

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

-RA OPTION

SPECIFICATIONS

For complete specifications and recommended PCB layouts 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

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

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

TIGER EYE CONTACT™

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

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