

(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
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

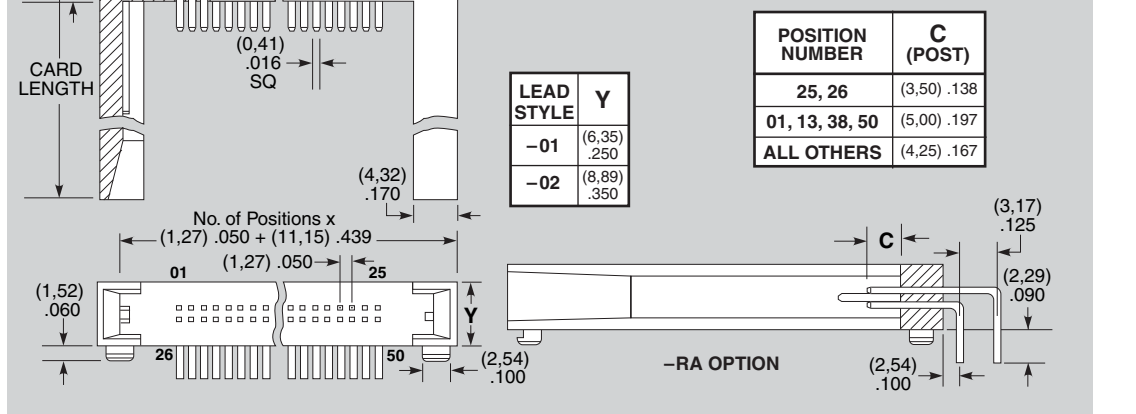
Specify LEAD STYLE from chart

-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

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.

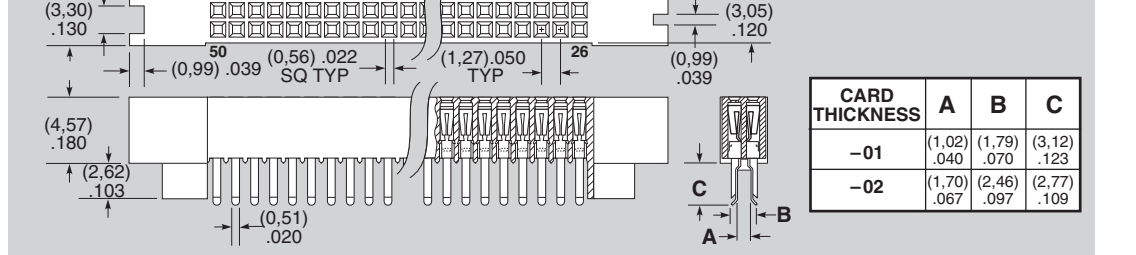
25

-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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