

(1,27 mm) .050"

CFT, CFS SERIES

COMPACT FLASH TERMINALS & SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?CFT or www.samtec.com?CFS

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material (CFT):
Phosphor Bronze

Contact Material (CFS):
BeCu

Plating:
Sn or Au over 50µ" (1,27 µm) Ni

Operating Temp Range:
CFT = -55°C to +105°C Tin
CFT = -55°C to +125°C Gold
CFS = -55°C to +125°C

Contact Resistance (CFS):
10 mΩ

Insertion Depth (CFS):
(3,05 mm) .120" min

Insertion Force (CFS):
(Single contact only)

3.3 oz (0,92 N) avg.

Withdrawal Force (CFS):
(Single contact only)

2.5 oz (0,70 N) avg.

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
CFT = (0,15 mm) .006" max
CFS = (0,10 mm) .004" max

RoHS Compliant:
Yes

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

Mates with:
CFS

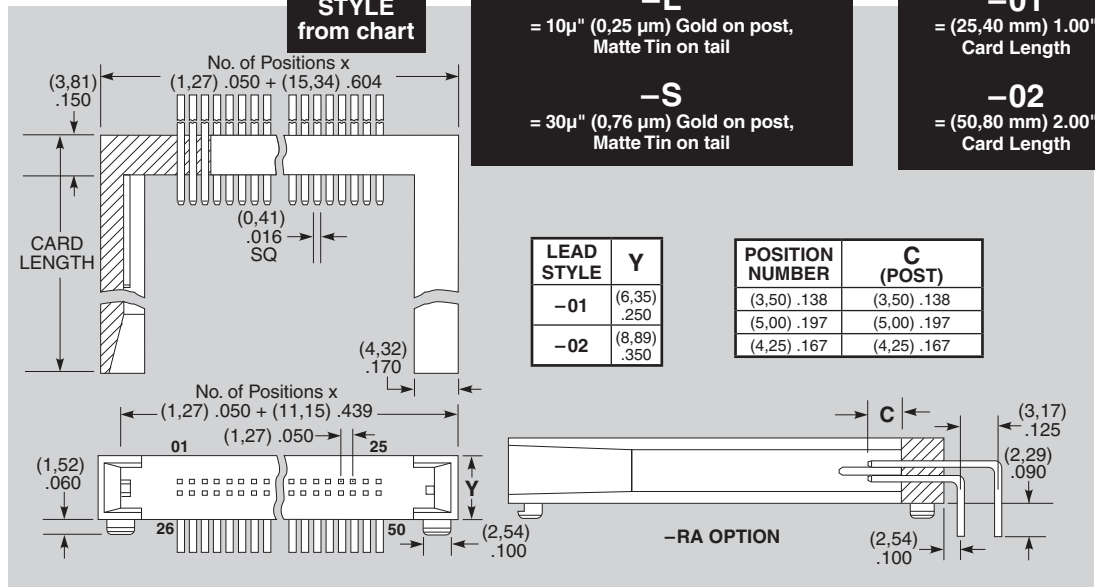
Specify
LEAD
STYLE
from chart

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

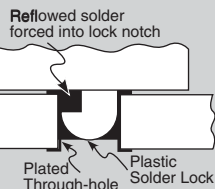
-S
= 30µ" (0,76 µm) Gold on post,
Matte Tin on tail

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

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



APPLICATIONS



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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

Mates with:
CFT

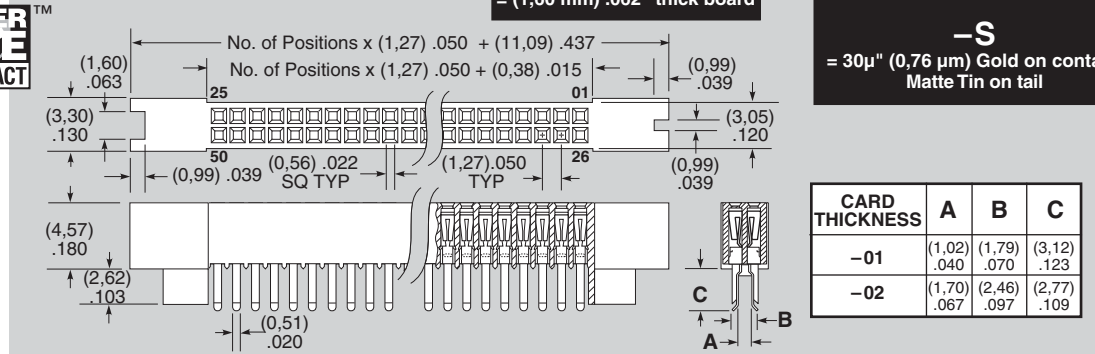
25

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

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

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

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



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

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

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