

(1,27 mm) .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" (1,27 µm) Ni

Current Rating:
2A per contact @ 80°C ambient

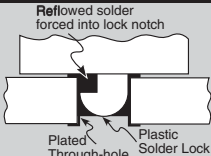
Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,15 mm) .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

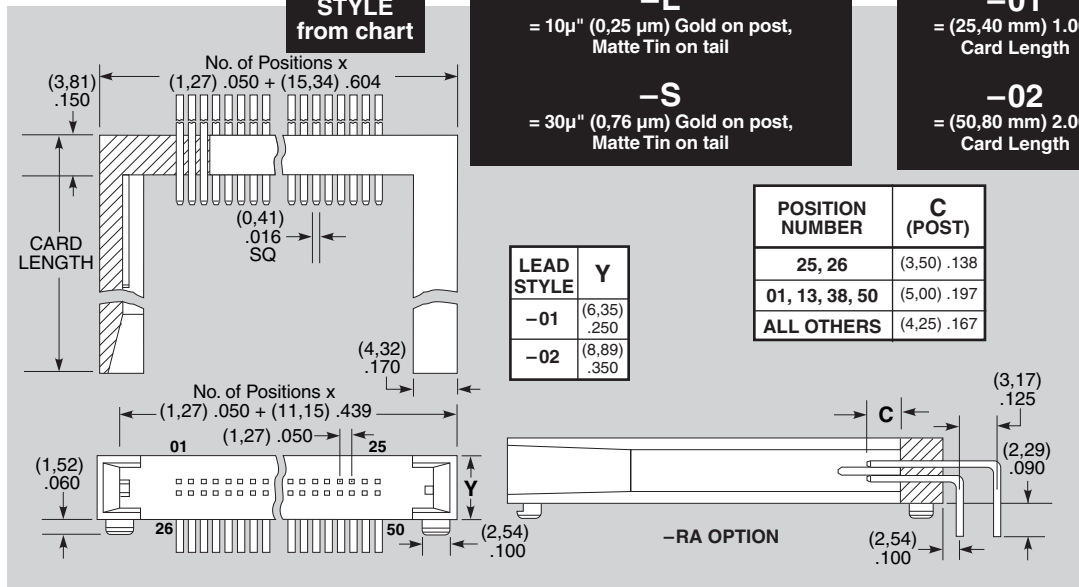
Specify LEAD STYLE from chart

-L
= 10µ" (0,25 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



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" (1,27 µm) Ni

Current Rating:
1A per contact

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

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

Insertion Force:
(Single contact only)
3.3 oz (0,92 N) avg.

Withdrawal Force:
(Single contact only)
2.5 oz (0,70 N) avg.

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,10 mm) .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.

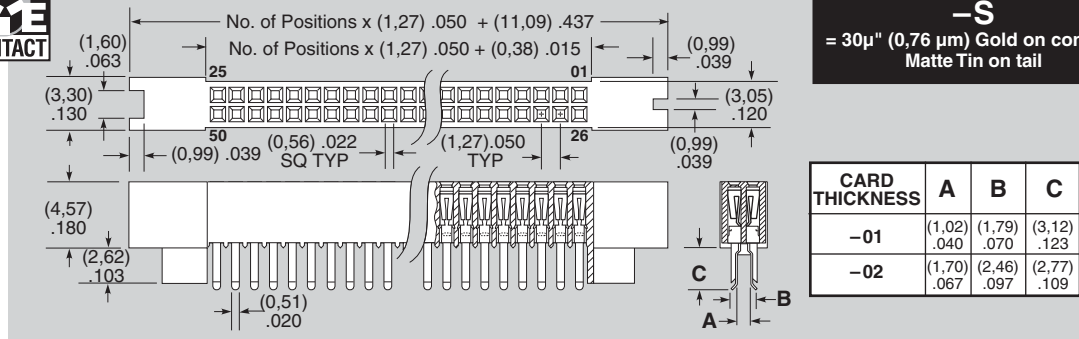
25

-01
= (0,80 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



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

WWW.SAMTEC.COM