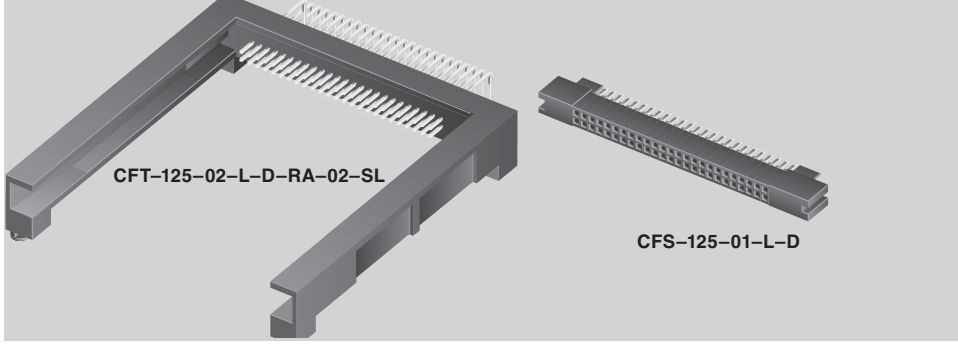
samtec



(1,27mm) .050"

CFT, CFS SERIES

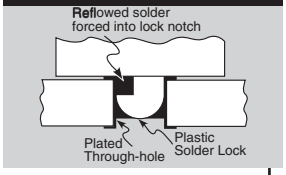
COMPACT FLASH TERMINALS & SOCKETS

SPECIFICATIONS

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

Insulator Material: Black Liquid Crystal Polymer
FILE NO. E111594
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

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

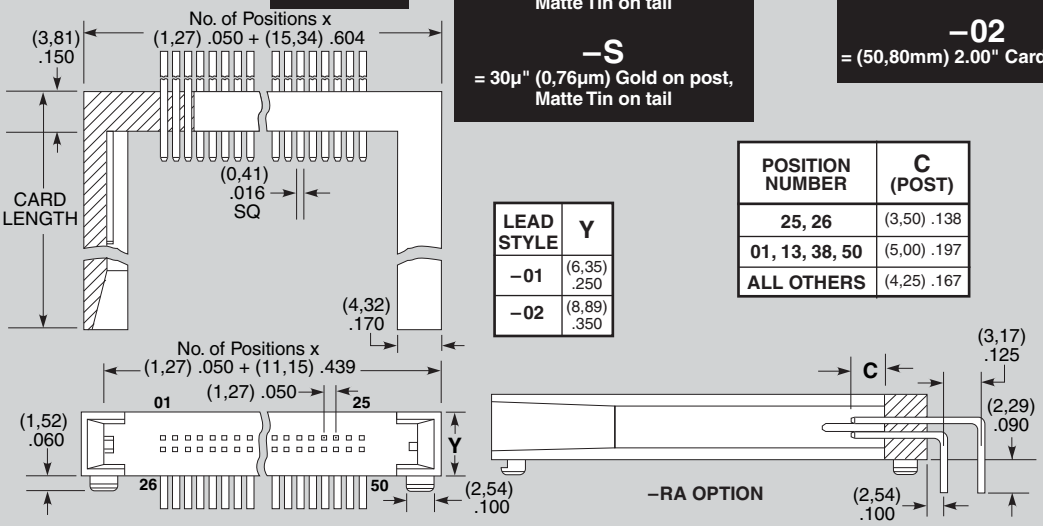
Specify LEAD STYLE from chart

–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



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 and recommended PCB layouts see www.samtec.com?CFS

Insulator Material: Black Liquid Crystal Polymer
FILE NO. E111594
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

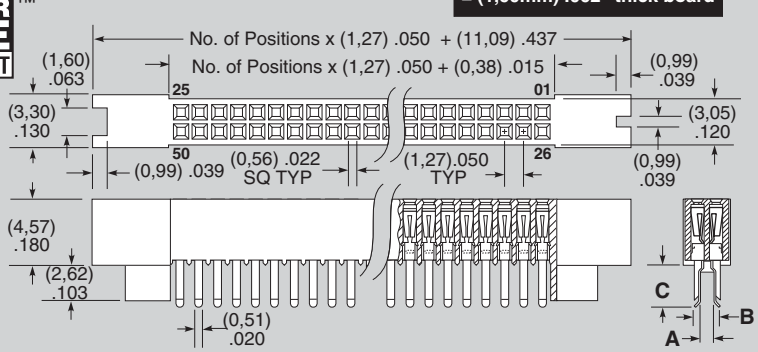
–01
= (0,80mm) .031" thick board

–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

TIGER EYE CONTACT™



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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