

(1,27 mm) .050"

FCF, EMF SERIES

FLEXCARD™ TERMINAL & SOCKET STRIPS

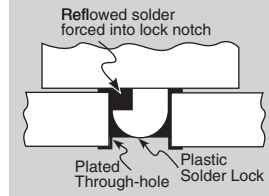
SPECIFICATIONS

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

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
RoHS Compliant: Yes



APPLICATIONS



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



Mates with: EMF

20, 30, 40 & 50
(Call Samtec for other sizes)

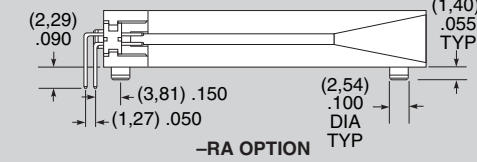
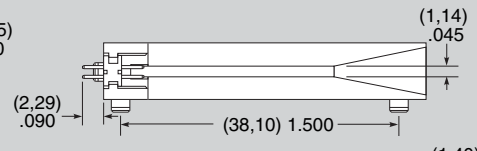
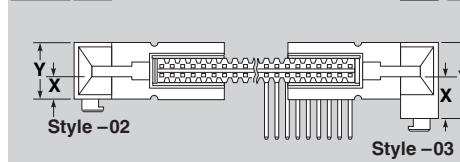
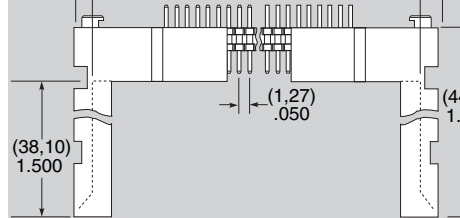
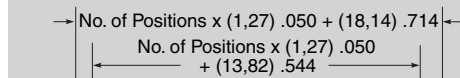
Specify LEAD STYLE from chart

-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 = Accepts (0,80 mm) .031" thick card

-RA = Right Angle (Leave blank for vertical version. Style -02 only)



LEAD STYLE	Y	CARD-TO-BOARD SPACE (X)
-02	(6,35) .250	(2,60) .1025
-03	(9,53) .375	(9,53) .375

SPECIFICATIONS

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

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" to (4,06 mm) .160"
Insertion Force: (Single contact only) 3.0 oz (0,83 N) avg.
Withdrawal Force: (Single contact only) 2.0 oz (0,56 N) avg.
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max (20) (0,15 mm) .006" max (30-50)
RoHS Compliant: Yes



Mates with: FCF

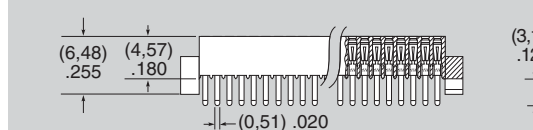
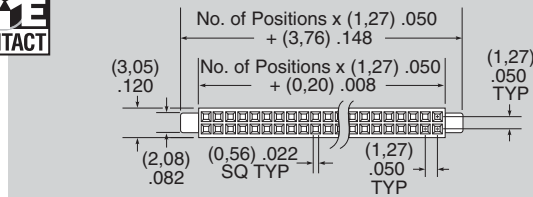
Note: Some lengths, styles and options are non-standard, non-returnable.

20, 30, 40 & 50
(Call Samtec for other sizes)

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