

.050" (1,27mm) FLEX CARD FCF, EMF SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FCF

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

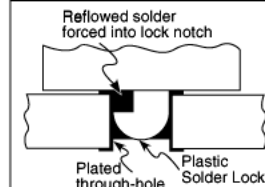
Operating Temp Range:

-55°C to +105°C with Tin;
-55°C to +125°C with Gold
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x with
Matte Sn plating

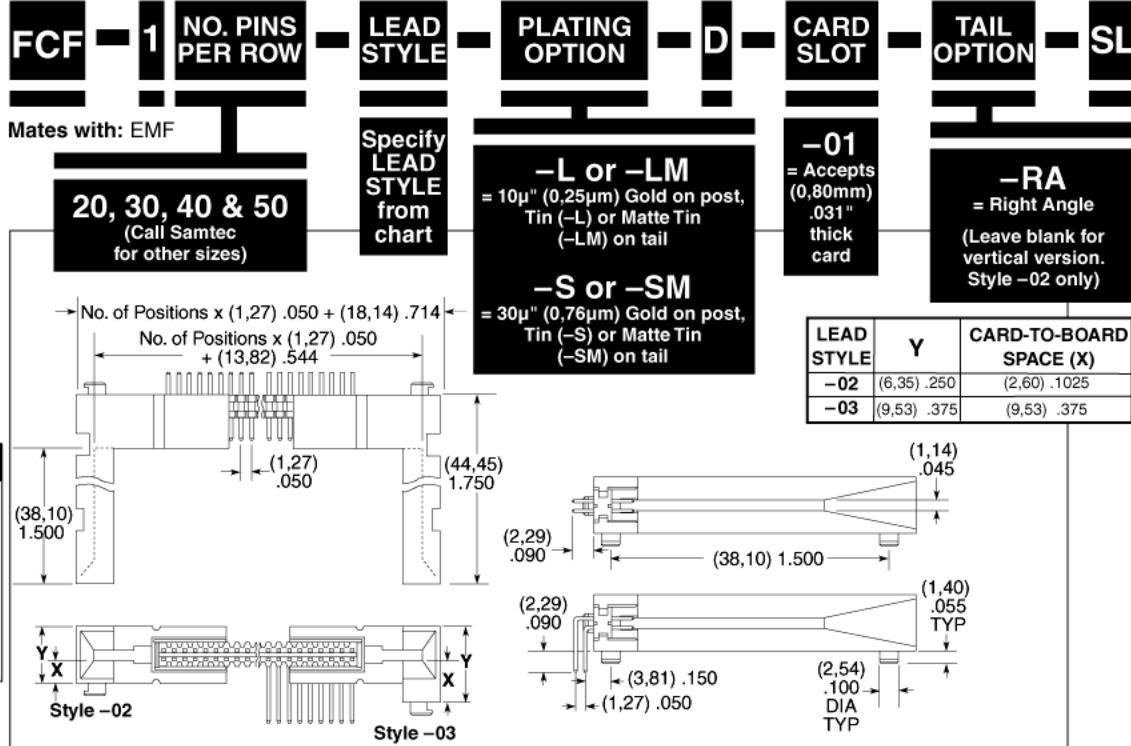
Lead-Free Solderable:

Yes, with Matte Sn

APPLICATIONS



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



SPECIFICATIONS

For complete specifications see www.samtec.com?EMF

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" to (4,06mm) .160"

Insertion Force:

(Single contact only)

3.0oz (0,83N) avg.

Withdrawal Force:

(Single contact only)

2.0oz (0,56N) avg.

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x with

Matte Sn plating

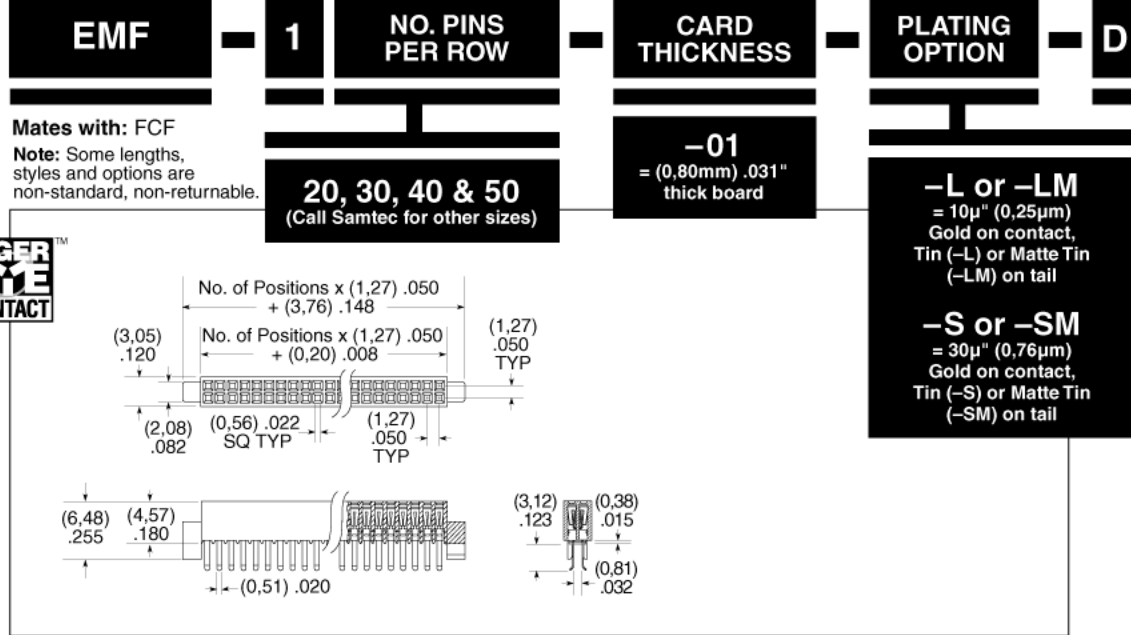
Lead-Free Solderable:

Yes, with Matte Sn

SMT Lead Coplanarity:

(0,10mm) .004" max (20)

(0,15mm) .006" max (30-50)



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

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