



FCF8-20-01-L-03.00-S

FCF8-10-01-L-03.00-S

FCS8-20-01-L-S-A-TR

FCS8-10-01-L-S-A-TR

FCF8, FCS8 SERIES

(0.80 mm) .0315"

HIGH-SPEED COST EFFECTIVE COAX CABLE

SPECIFICATIONS

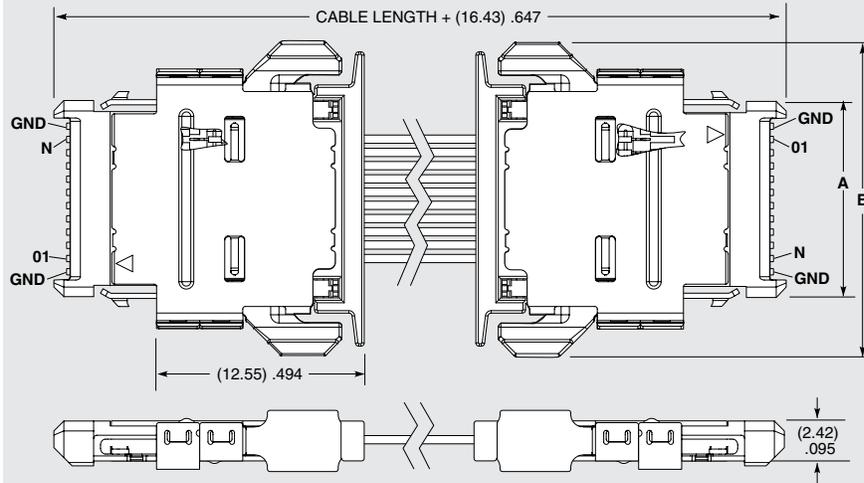
Cable: 38 AWG coax
Overmold: Nylon
Terminal Material: Phosphor Bronze
Contact Plating: Au or Sn over 50 μm (1.27 μm) Ni
Operating Temp Range: -25 °C to +105 °C
Current Rating: 1.8 A per pin (1 pin powered)
RoHS Compliant: Yes

RECOGNITIONS



Notes:
 Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.
 Some lengths, styles and options are non-standard, non-returnable.

| | | | | | |
|-------------|-------------------------|----------------------|---|--|----------|
| FCF8 | NO. OF POSITIONS | 01 | PLATING OPTION | CABLE LENGTH | S |
| Mates with: | | | | | |
| FCS8 | | -10, -20, -30 | -L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail | - "XX.XX" = Length in Inches 03.00" (76.2 mm) minimum | |



| NO. OF POSITIONS | A | B |
|------------------|---------------|---------------|
| -10 | (11.85) .467 | (19.00) .748 |
| -20 | (19.85) .781 | (27.00) 1.063 |
| -30 | (27.85) 1.096 | (35.00) 1.378 |

ALSO AVAILABLE (MOV Required)

- Other sizes and lengths

SPECIFICATIONS

Insulator Material: Black LCP
Contact Material: BeCu
Contact Plating: Au or Sn over 50 μm (1.27 μm) Ni
Shield: Nickel Plated Phosphor Bronze
Operating Temp Range: -55 °C to +125 °C
Current Rating: 1.8 A per pin (1 pin powered)
RoHS Compliant: Yes

PROCESSING

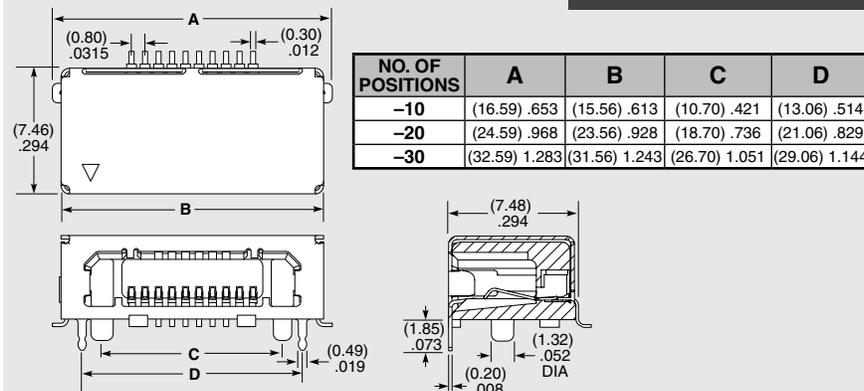
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0.15 mm) .006" max

RECOGNITIONS



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

| | | | | | | |
|-------------|-------------------------|----------------------|---|----------|----------|-----------------------------|
| FCS8 | NO. OF POSITIONS | 01 | PLATING OPTION | S | A | TR |
| Mates with: | | | | | | |
| FCF8 | | -10, -20, -30 | -L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail | | | -TR = Tape & Reel |



RUGGEDIZED BY SAMTEC

- Weld tabs
- Positive latching
- Shielded for EMI protection

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

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.