

(0.80 mm) .0315"

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

HIGH-SPEED COST EFFECTIVE COAX CABLE

SPECIFICATIONS

Cable: 38 AWG coax
Overmold: Nylon
Terminal Material: Phosphor Bronze
Contact Plating: Au or Sn over 50 μ " (1.27 μ m) 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
OPTIONCABLE
LENGTH

S

Mates with:
FCS8

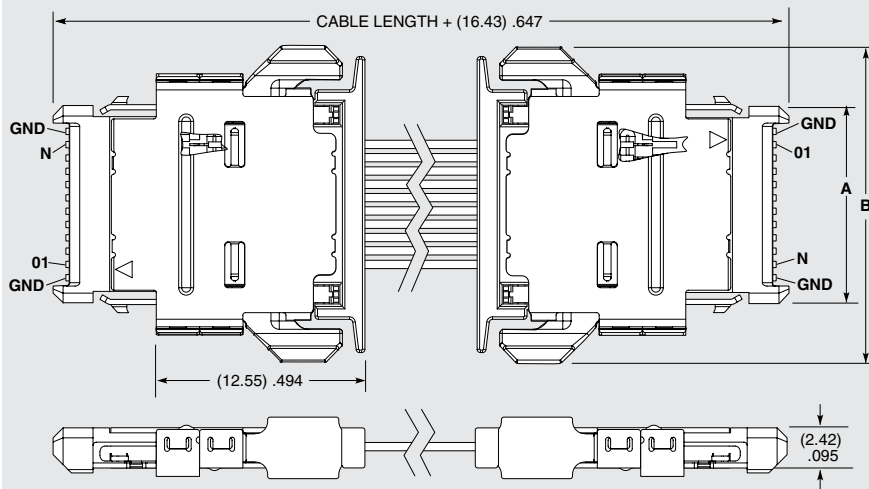
-10, -20, -30

-L

= 10 μ " (0.25 μ m)
 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 μ " (1.27 μ m) 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

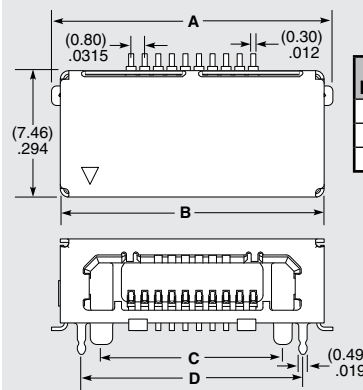
-10, -20, -30

-L

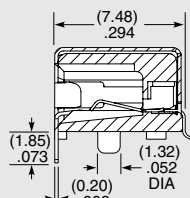
= 10 μ " (0.25 μ m)
 Gold on contact,
 Matte Tin on tail

-TR

= Tape & Reel



NO. OF POSITIONS	A	B	C	D
-10	(16.59) .653	(15.56) .613	(10.70) .421	(13.06) .514
-20	(24.59) .968	(23.56) .928	(18.70) .736	(21.06) .829
-30	(32.59) 1.283	(31.56) 1.243	(26.70) 1.051	(29.06) 1.144



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.