samtec

FCF8–20–01–L–03.00–S

FCF8–10–01–L–03.00–S

FCS8–10–01–L–S–A–TR

FCS8–20–01–L–S–A–TR

(0.80 mm) .0315"

FCF8, FCS8 SERIES

HIGH SPEED COST EFFECTIVE COAX CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?FCF8

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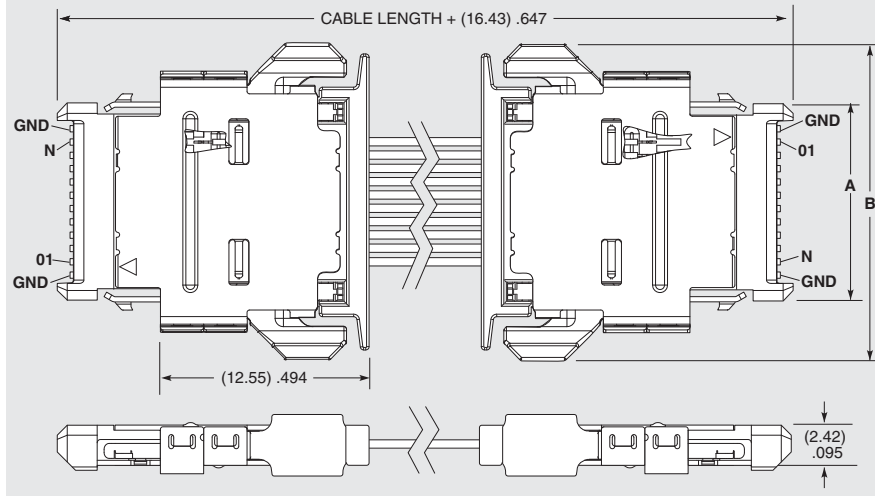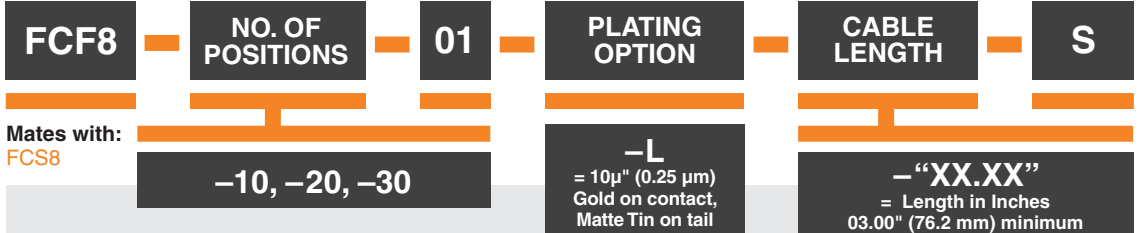**RoHS Compliant:** Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

UL FILE NO. E111594

Note: Design your High Speed Cable with Samtec's High Speed Cable Solutionator® at www.samtec.com/hdr

Note: Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Note: 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 = 10µ" (0.25 µm) Gold on contact, Matte Tin on tail | –"XX.XX" = Length in Inches 03.00" (76.2 mm) minimum |

CABLE LENGTH + (16.43) .647

GND N
01 GND
GND 01
N GND

A
B

(12.55) .494

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

(2.42) .095

ALSO AVAILABLE (MOV Required)

• Other sizes and lengths

Contact Samtec.

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FCS8

Insulator Material: Black LCP
Contact Material: BeCu
Contact Plating: Au or Sn over 50µ" (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 per row)
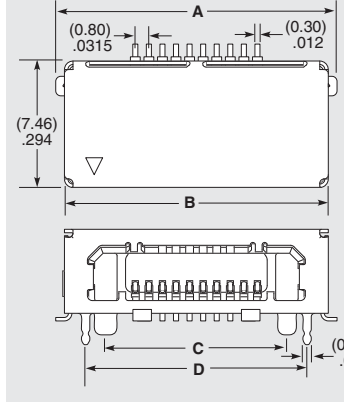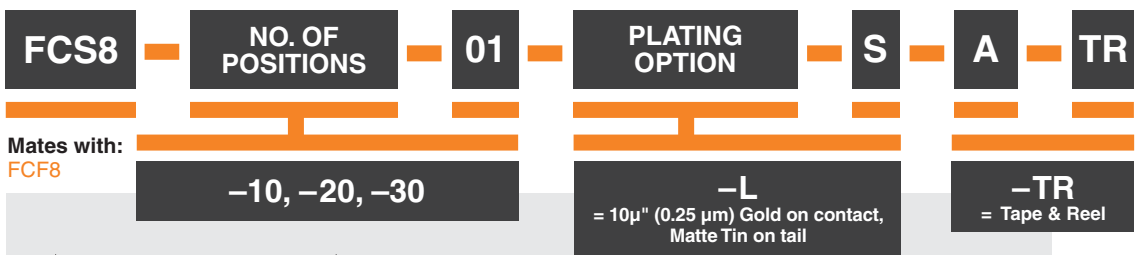**RoHS Compliant:** Yes

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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

UL FILE NO. E111594

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 = 10µ" (0.25 µm) Gold on contact, Matte Tin on tail | –TR = Tape & Reel |

A
(0.80) .0315   (0.30) .012
(7.46) .294
B

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

C
D
(0.49) .019

(7.48) .294
(1.85) .073
(1.32) .052 DIA
(0.20) .008

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.