HIGH-SPEED COST EFFECTIVE COAX CABLE

FCF8

Mates:
FCS8

| FCF8 | – | NO. OF POSITIONS | – | 01 | – | PLATING OPTION | – | CABLE LENGTH | – | S |

–10, –20, –30

–L
= 10 µ" (0.25 µm)
Gold on contact,
Matte Tin on tail

–"XX.XX"
= Length in Inches
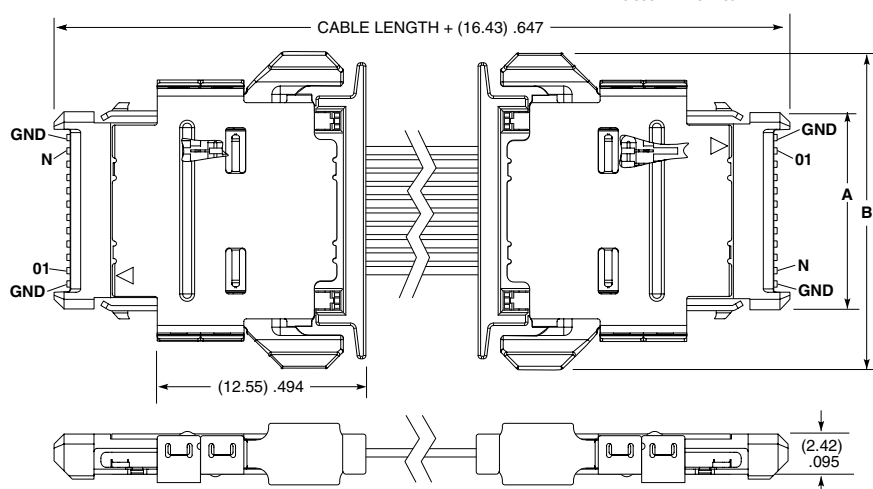03.00" (76.2 mm)
minimum

SPECIFICATIONS

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

Notes:
Design your full cable
assembly with Samtec's
High-Speed Cable
Solutionator® at
www.samtec.com/cablebuilder

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.

CABLE LENGTH + (16.43) .647

(12.55) .494

(2.42) .095

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

Other sizes and lengths
(MOQ Required)

FCS8

Mates:
FCF8

| FCS8 | – | NO. OF POSITIONS | – | 01 | – | PLATING OPTION | – | S | – | A | – | "X"R |

–10, –20, –30

–L
= 10 µ" (0.25 µm)
Gold on contact,
Matte Tin on tail

–TR
= Tape & Reel

–FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)
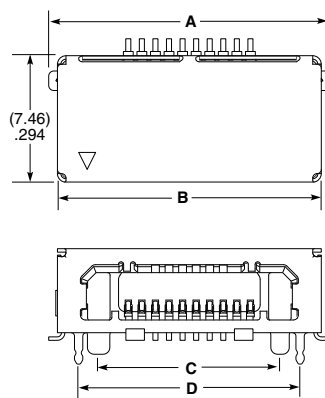
SPECIFICATIONS

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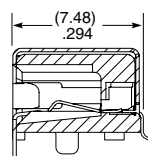1.8 A per pin
(1 pin powered)

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)

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

(7.46) .294

(7.48) .294

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

Mouser Electronics

Authorized Distributor

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