



(1,00 mm) .0394"

ZF1, FC1 SERIES

FLAT FLEXIBLE CABLE (FFC) SOCKET

Mates with:
FJ

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ZF1

Insulator Material:

Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn over 40µ" (1,02 µm) Ni

Weld Tab:

Phosphor Bronze

Operating Temp Range:

-55°C to +105°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

RECOGNITIONS

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



FILE NO. E111594

ZF1	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	WT	OPTION
	-05, -10, -15, -16, -20, -25, -30	-01 = Contact Bottom -02 = Contact Top (10 positions only)	-T = Matte Tin	-WT = Weld Tab	-TR = Tape & Reel Packaging

(1,50) .059
(No. of pins x (1,00) .03937) + (5,85) .230
(0,25) .010
(No. of pins x (1,00) .03937) + (7,00) .276
(3,00) .118
(1,00) .03937
(5,30) .209
(4,9) .19

APPLICATION

ALSO AVAILABLE (MOQ Required)

- Other positions Contact Samtec.

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

Mates with:
FJ

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FC1

Insulator Material:

Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Tin over 50µ" (1,27 µm) Ni

Operating Temp Range:

-55°C to +105°C

Max Cycles:

25 with FJ

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

RECOGNITIONS

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



FILE NO. E111594

FC1	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	OPTIONS
	-05, -10, -15, -20 & -25	-01 = Vertical -02 = Horizontal	-T = Tin	-LC = Locking Clip (Manual placement required) (-01 only) -WT = Weld Tab (-02 only) -K = (4,00 mm) .158" DIA Polyimide film Pick & Place Pad (-01 only) -TR = Tape & Reel Packaging

ALSO AVAILABLE (MOQ Required)

- Low insertion force contacts available Contact Samtec.

(No. of pins x (1,00) .03937) + (2,33) .092
(No. of pins x (1,00) .03937) + (1,00) .03937
(2,77) .109
(1,00) .03937
(5,18) .204
(4,09) .161
(6,35) .250
(1,19) .047
(1,42) .056
(1,40) .055

-LC OPTION

-02

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

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
 SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292
 SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385
 SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904658 SAMTEC KOREA • Tel: +82 31 717 5685