



FC1-20-01-T

ZF1-10-01-T-WT

ZF1-25-01-T-WT

ZF1, FC1 SERIES

(1.00 mm) .0394"

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 40 μ " (1.02 μ m) 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

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:
Sn over 50 μ " (1.27 μ m) 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

(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

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

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.

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Authorized Distributor

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