

FC1-25-02-T-WT

FC1-20-01-T

ZF1-25-01-T-WT

ZF1-10-01-T-WT

(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 40 μ" (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



| 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 |

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 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



| 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

-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

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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