

(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](http://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](http://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

### 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](http://www.samtec.com?FC1)

**Insulator Material:**

Liquid Crystal Polymer

**Contact Material:**

Phosphor Bronze

**Plating:**

Sn 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](http://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.

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