

ZLR5-30-01-T-RA



ZF5-20-01-T-WT



ZF5-30-01-T-WT

(0,50mm) .0197"

ZLR5, ZF5 SERIES

# FLAT FLEXIBLE CABLE (FFC) SOCKET

Mates with:  
FJH

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?ZLR5](http://www.samtec.com?ZLR5)

**Insulator Material:** Liquid Crystal Polymer  
**Contact Material:** Phosphor Bronze  
**Plating:** Sn over 50µ" (1,27µm) Ni  
**Weld Tab:** Phosphor Bronze  
**Operating Temp Range:** -55°C to +105°C  
**RoHS Compliant:** Yes  
**Processing:** Lead-Free Solderable: Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max

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

| ZLR5 | NO. OF POSITIONS                           | LEAD STYLE                    | PLATING OPTION    | RA | OTHER OPTION         |
|------|--|-------------------------------|-------------------|----|----------------------|
|      | -20, -30<br>(Call Samtec for other sizes.) | -01<br>= Contacts on Top only | -T<br>= Matte Tin |    | -TR<br>= Tape & Reel |

  

| NO. OF POSITIONS | A               | B               |
|------------------|-----------------|-----------------|
| -20              | (19,20)<br>.756 | (10,70)<br>.421 |
| -30              | (24,20)<br>.953 | (15,70)<br>.618 |

  
  

Mates with:  
FJH, ZFHF and flex cable with stiffener thickness of (0,30mm) .012"

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?ZF5](http://www.samtec.com?ZF5)

**Insulator Material:** High Temperature Nylon  
  
**Contact Material:** Phosphor Bronze  
**Plating:** Sn over 50µ" (1,27µm) Ni  
**Weld Tab:** Phosphor Bronze  
**Operating Temp Range:** -55°C to +105°C  
**RoHS Compliant:** Yes  
**Processing:** Lead-Free Solderable: Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max

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

| ZF5 | NO. OF POSITIONS   | LEAD STYLE              | PLATING OPTION    | WT                | OPTION                         |
|-----|--|-------------------------|-------------------|-------------------|--------------------------------|
|     | -10, -15, -20, -25, -30, -40, -43, -50<br>(Call Samtec for other sizes.) | -01<br>= Contact Bottom | -T<br>= Matte Tin | -WT<br>= Weld Tab | -TR<br>= Tape & Reel Packaging |

  

| NO. OF POSITIONS   | A              |
|--------------------|----------------|
| -10, -15, -20, -25 | (5,49)<br>.216 |
| -30                | (5,59)<br>.220 |
| -40, -43, -50      | (5,69)<br>.224 |

  
  

**ALSO AVAILABLE**

Vertical, Contact Top and other positions available. Call Samtec.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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