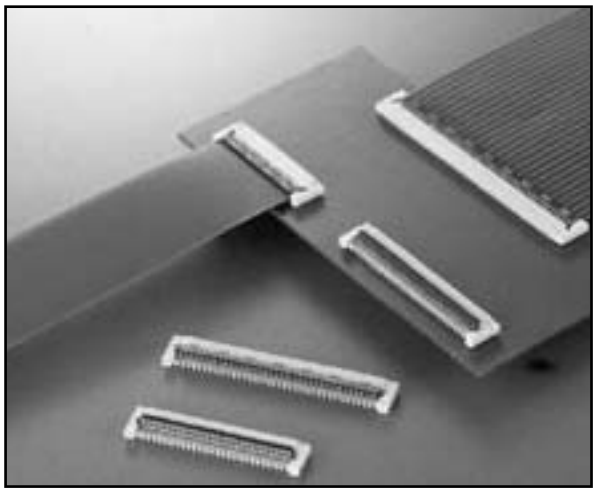
FF02S SERIES CONNECTORS

0.3mm pitch FPC Connector (Top Contact)



The FF02S Series is a 0.3mm pitch low-profiled connector used for FPC coonection with drop imapct and vibration resistance responding to slim, compact information communication-related devices including mobile phones, LCDs and PDAs.

FEATURES

- Compact and low-profiled connector, 0.9mm height and 3.8mm depth.
- Built-in actuator cam with proprietary structure that holds FPC at all contact points and enables complete mating even for multi-contacts.
- Pb-free (solder migration prevented by nickel barrier in contact)

GENERAL SPECIFICATIONS

Number of Contacts	25, 31, 33, 40, 45, 50, 55, 60 (15, 17, 27, 29, 35, 60, 65)
Rated Current	AC, DC 0.35A per pin, each
Rated Voltage	AC, DC 50V
Operating Temperature	-40°C to +85°C
Contact Resistance	40 milliohms max.
Insulation Resistance	100 megohms min.
Dielectric withstanding Voltage	AC250Vr.m.s per min.
Applicable FPC Thickness	t=0.12, +0.03mm, -0.03mm

MATERIALS AND FINISHES*

Description	Materials/Finishes
Actuator	PPS (UL94V-0, Color: Black)
Base Insulator	LCP (UL94V-0, Color: White)
Contact	Copper Alloy/ Au Plating over Ni (0.1u Au Min.) Contact Area: 0.1µm Au Min. Terminal Area: 0.03Mm Au Min.

ORDERING INFORMATION

FF02S ** S * 1 R3000

Series
No. of pos.
Contact Type
S – Socket
Modify Code
Contact Plating Specification
1: Au plating over Ni
R3000 - Tape and Reel Packaging

• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.