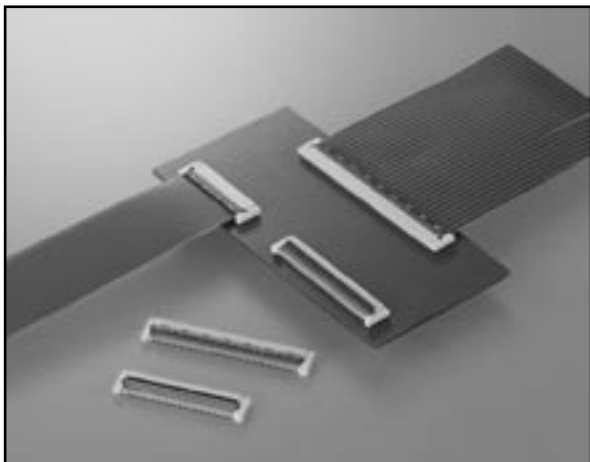


FF02 SERIES CONNECTORS

0.3mm pitch FPC Connector (Bottom Contact)

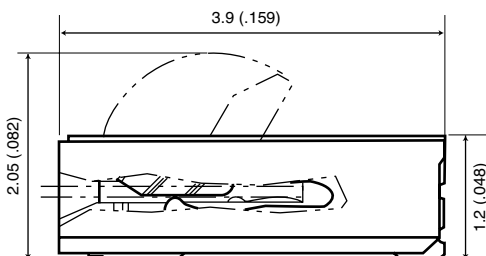


FF02 Series connectors are 0.30mm (.012") pitch, low profile connectors for FPC. They are designed in response to the demand for thinner and more electronic devices such as mobile phones, PDAs and LCD displays.

FEATURES

- Low-profile 1.2mm (.047") mating height
- CAM Locking Structure; makes FPC lining unnecessary and helps to absorb the shock caused by fall resulting in much higher mating reliability.
- Available with solder wicking proof nickel barrier contact
- Lead Free

Connector Profile (Ref.)



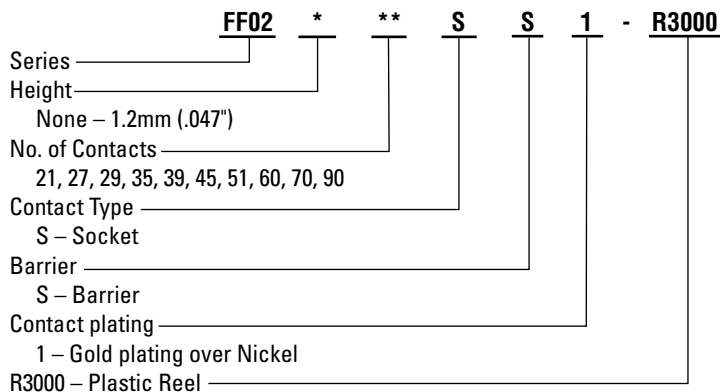
GENERAL SPECIFICATIONS

Number of Contacts	15, 21, 25, 27, 29, 31, 33, 35, 39, 45, 51, 55, 60, 70, 90
Contact Spacing	0.30mm (.012")
Current Rating	AC/DC 0.35A per contact
Dielectric Withstanding Voltage	AC 250 V r.m.s. per minute
Voltage Rating	AC/DC 50V per contact
Insulation Resistance	100 megohms (min.)
Contact Resistance	40 milliohms (max.)
Operating Temperature	-40°C to +85°C
Applicable FPC	0.30mm (.012") pitch, thickness 0.12mm ±0.03 (.005" ± .001") with reinforcement
Mating Durability	20 Cycles

MATERIALS AND FINISHES*

Description	Materials/Finishes
Actuator	PPS (UL94V-0, Black)
Base Insulator	LCP (UL94V-0, White)
Contact plating	Copper Alloy Partial Gold (0.1 µm min.) over Nickel

ORDERING INFORMATION



Notes: An embossed tape reel contains 3000 pieces.
Please Contact JAE for details of embossed tape specifications.

• Please consult JAE for verification of product availability.

Dimensions in mm (inches).