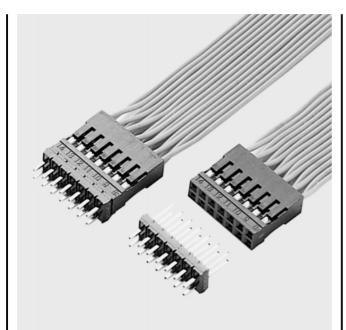
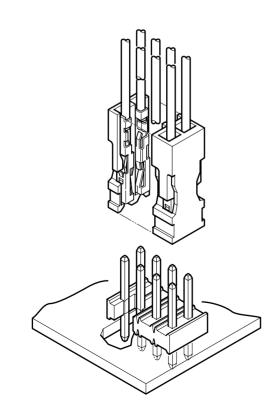


RF CONNECTOR

Disconnectable Crimp style connectors



The RF connector was developed as a highly reliable, low-cost, crimp style connector for connecting wires to printed circuit boards. Well suited for internal connections in office automation equipment, such as personal computers, office computers and their peripheral devices.



Features -

• Highly reliable, yet low in cost

Our original double-leaf spring construction withstands the stresses caused by repeated insertions and withdrawals and ensures reliable contact performance. Depending on the application, the socket contacts and header posts can be selectively gold-plated or fully tin-plated to minimize costs.

Space-saving, high-density design

The 2.54mm pitch contacts are arranged in two rows. The mated connectors can be placed side by side or end to end without a loss in pitch. This facilitates space-saving, high-density circuit designs.

• Easy connection

A slight force is all that is required for contact insertion because the housing has resilient lances. Furthermore, the positions of the contacts in the housing can be visually checked. This facilitates insertion of the contacts in the housing.

• It can be cut to any length to provide a header with any number of circuits

Notches are provided on the insulator that allow it to be cut to any length without using special tools.

Specifications —

- Current rating: 2A AC, DC (AWG #24)
- Voltage rating: 250V AC, DC
- Temperature range: (including temperature rise in applying electrical current)
 - -55°C to +105 °C(gold-plated)
 - -55°C to +85°C(tin-plated)
- Contact resistance: Initial value/15m Ω max.
 - After environmental testing/30m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #30 to #24
- Applicable PC board thickness: 1.2 to 1.6mm
- * RoHS compliant products are published.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.

Standards -

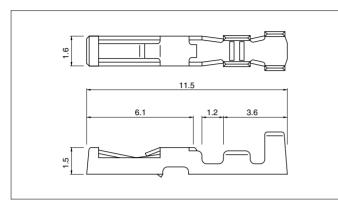
Recognized E60389

Certified LR20812



RF CONNECTOR

Contact

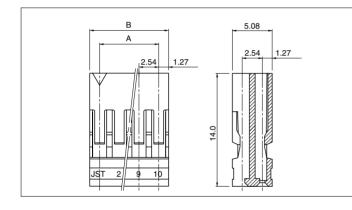


	Applicable wire				0+. (
Model No.	mm²	AWG #	Insulation O.D. (mm)	Finish	Q'ty / reel
RF-SC2210	0.05 to 0.22	30 to 24 0.9 to 1.		Nickel-undercoated, Mating part; gold-plated Crimping part; tin-plated (reflow treatment) 10,00	
RF-SC2290				Tin-plated (reflow treatment)	
Material					

Phosphor bronze

RoHS compliance RF-SC2210 displays (LF)(SN) on a label.

Housing -



Cir- cuits	Model No.	Dimensio	Q'ty /		
		А	В	box	
6	RF-06	5.08	7.62	500	
8	RF-08	7.62	10.16	500	
10	RF-10	10.16	12.70	500	
12	RF-12	12.70	15.24	500	
14	RF-14	15.24	17.78	300	
16	RF-16	17.78	20.32	300	
20	RF-20	22.86	25.40	200	
28	RF-28	33.02	35.56	200	
Material					
watehal					
PBT, UL94V-0, black					

RoHS compliance

Top entry type

Model No.	Mat	erial	Finish	
	Wafer	Post		
RF-H(*) 2TD-1130	PBT, UL94V-0.	Brass	Nickel-undercoated, gold-plated	
RF-H(*) 2TD-1190	black (natural)	2.000	Copper-undercoated, tin-plated (reflow treatment)	

Side entry type

Model No.	Mat	erial	Finish	
	Wafer	Post	Finish	
RF-H(*) 2SD-1110	PBT, UL94V-0, black (natural)	Brass	Nickel-undercoated, Mating part; gold-plated Solder tail; tin-plated (reflow treatment)	
RF-H(*) 2SD-1190			Copper-undercoated, tin-plated (reflow treatment)	

RoHS compliance Tin-plated product displays (LF)(SN) on a label.

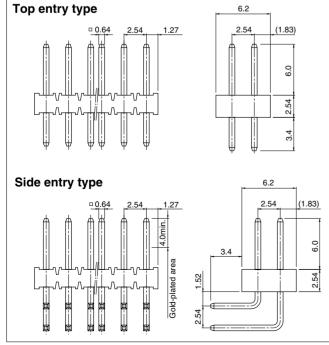
Note:

1. A two-digit number (06 to 16 even numbers only, 20 and 28) representing the number of circuits should be inserted in (*). Determine the number depending on the number of circuits of the housing or

header.

2. Contact JST for special products.

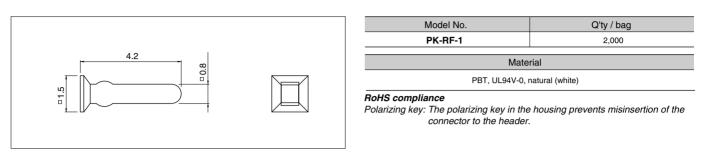




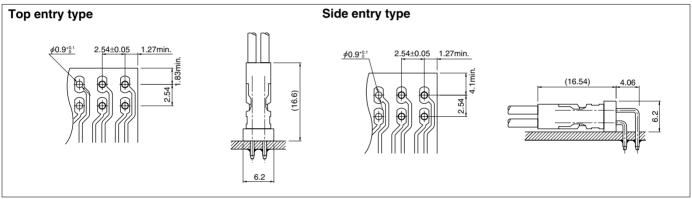
D21 **JST**

RF CONNECTOR

Polarizing key



PC board layout (viewed from soldering side) and Assembly layout



Note:

1. Tolerances are non-cumulative: ±0.05mm for all centers.

2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Crimping machine, Applicator-

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
RF-SC2210	AP-K2N	MKS-L	MK/RF-SC22	APLMK RF-SC22
RF-SC2290		_	_	_