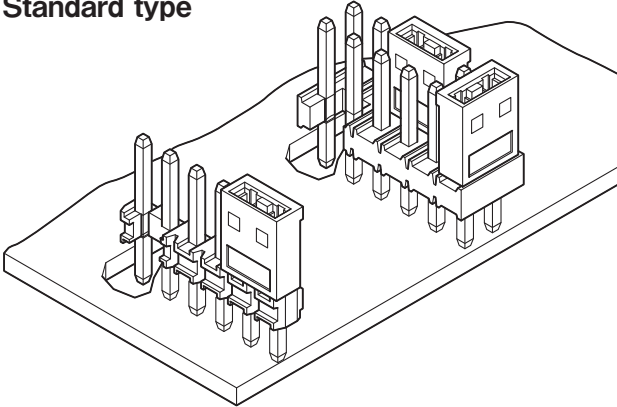


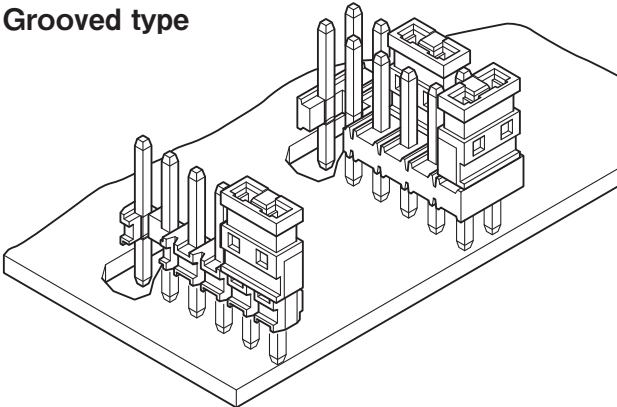
JM CONNECTOR

2.54 mm pitch/ For jumper connections/ Mating style

Standard type



Grooved type



This is a two-circuit jumper connector suited for programming or switching circuits on printed circuit boards without the need for DIP switches. Due to its light and compact feature, interference with the placement of other components on the printed circuit board can be avoided. This low profile connector allows it to be mounted on printed circuit boards along with ICs and other semiconductor components. It can be used in a wide range of industrial and consumer equipment.

■ Features

- **Pitch loss "0"**
2.54 mm pitch allows mounting without pitch loss in both pitch and depth directions.
- **Low profile**
Low profile design with a mounting height of approximately 8.54 mm.
(JM connector stand-alone height: 6 mm)
- **High reliability**
The contact points feature a highly reliable dual-contact structure
- **Through-type**
With a stand-alone height of 6 mm and a through-type design, the receptacle is compatible with various headers that have a post length of 6 mm or more on the mating side.
- **Convenient for circuit testing**
Circuit testing can be performed in the mounted state.

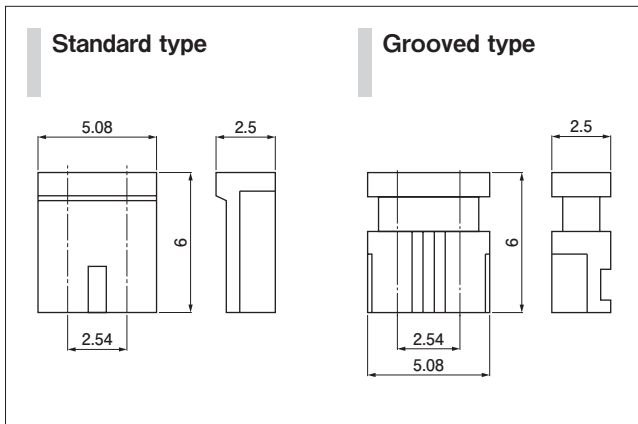
■ Specifications

- Current rating: 3 A AC/DC
- Voltage rating: 250 V AC/DC
- Temperature range: -55°C to +125°C
(including temperature rise in applying electrical current)
- Contact resistance:
Initial value/ 20 mΩ max.
After environmental tests/ 30 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage:
There shall be no breakdown or flashover while applying 800 VAC for one minute.
- Recommended mating header:
Single-row type/ RE header
Dual-row type/ RF header
- * Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

■ Standards

- For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).
- * Specifications registered to overseas standards may differ from the general specifications listed above.

JM connector

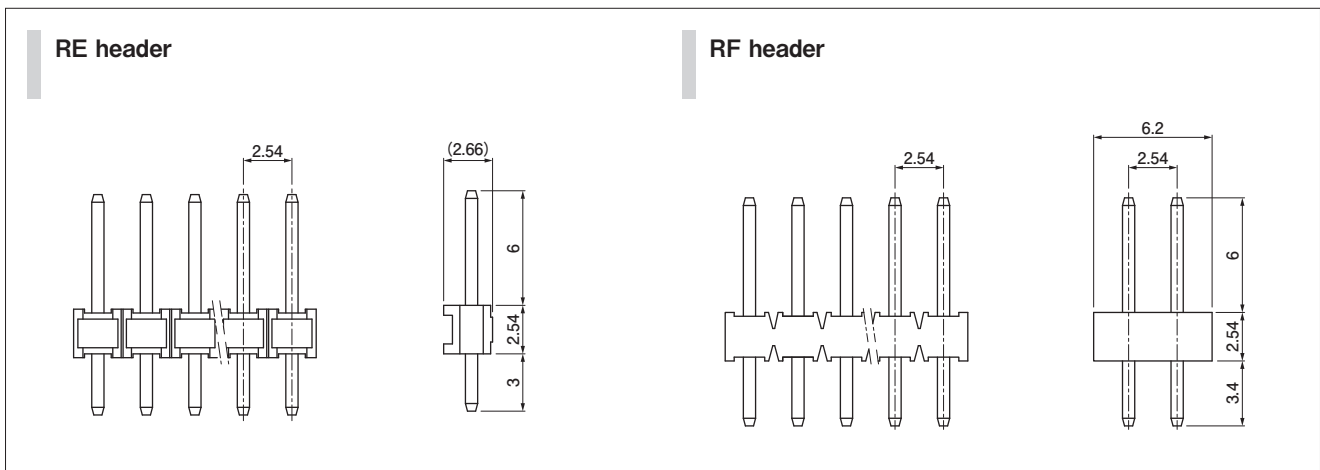


Type	Model No.	Surface finish, etc.	Color	Q'ty/box
Standard type	JM-2BK-61	Selective gold-plated	Black	5,000
	JM-2BL-63	Selective gold-plated 0.4 μ min.	Blue	
	JM-2R-64	Selective gold-plated 0.76 μ min.	Red	
	JM-2W-96	Tin-plated	Natural	
Grooved type	JM-T2W-61B	Selective gold-plated	Natural	

Material	
Contact:	Copper alloy
Housing:	PBT (GF)

Note: 1. Contact JST for special products.
 2. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

Recommended header



RE header

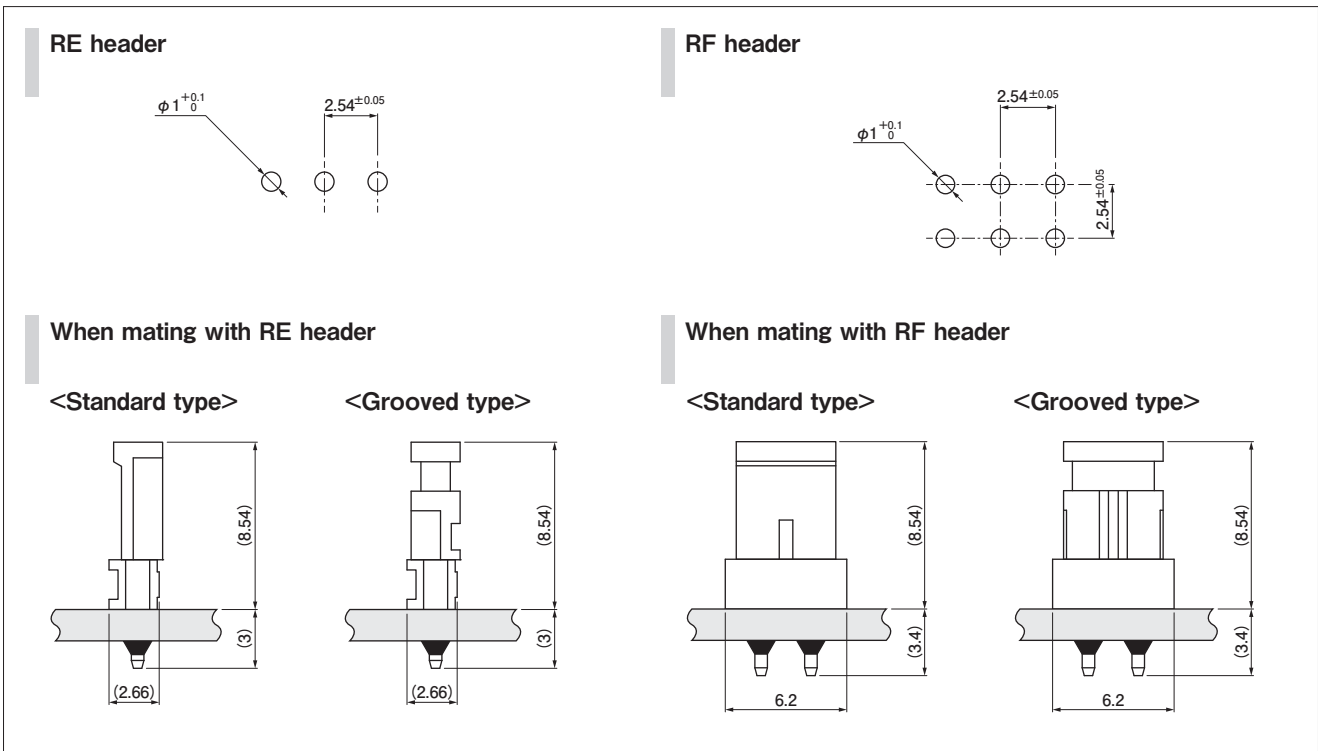
Model No.	Material, etc.		Surface finish
	Post	Header	
RE-H()2TD-1130	Copper alloy	PBT (GF), black	Gold-plated
RE-H()2TD-1190			Tin-plated

RF header

Model No.	Material, etc.		Surface finish
	Post	Header	
RF-H()2TD-1130	Copper alloy	PBT (GF), black	Gold-plated
RF-H()2TD-1190			Tin-plated

Note: 1. Two-digit numbers indicated the number of circuits are entered in parentheses "()".
 2. Tin-plated product displays (LF)(SN) on a label.
 3. Right-angle type RE and RF headers and other special versions are also available
 4. For information on the RE header and RF header lineups, etc., please refer to the RE connector and RF connector catalogs.
 5. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

PC board layout and Assembly layout



- Note: 1. The PC board layout figure shown is viewed from soldering side.
 2. Tolerance for the PCB hole pitch shall be ± 0.05 and shall not accumulate.
 3. Hole dimensions differ depending on the type of PCB and PCB drilling method.
 The above dimensions are for reference only. Please contact JST for further details.