

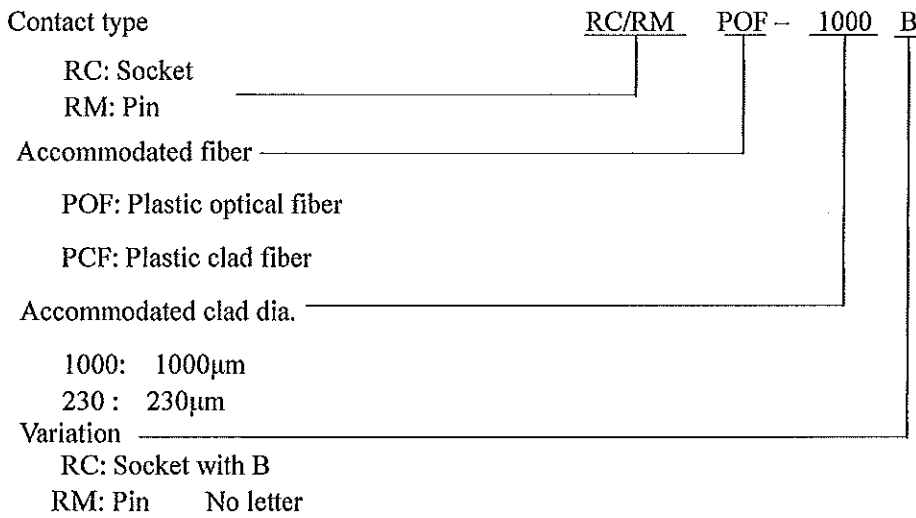
SPECIFICATION FOR TRIM TRIO OPTICAL FIBER CONTACT

1. SCOPE

This specification specifies the rating and performance of the optical fiber contact (RC/RMPOF, RC/RMPCF). And this specification is applied for Trim Trio connector series.

2. CATALOG NO. STRUCTURE

2-1. Contact



3. CONNECTOR SHAPE, DIMENSIONS

See attached drawings.

4. CONTACT SHAPE, DIMENSIONS

See attached drawings.

5. ACCOMMODATED WIRES, ASSEMBLY TOOL, CONTACT EXTRACTION TOOL

See attached drawings.

6. RATING

6-1. Insertion Loss 2.0dB Max.

6-2. Operating Temperature -25°C ~ +70°C

7. PERFORMANCE CHARACTERISTICS

No.	Test Item	Test Method	Judging Criteria
7-1	Insertion loss	JIS C5961 Measurement method 1	2dB MAX (Initial)
7-2	Durability	Insertion and extraction of plug and receptacle. Number of operation : 800 times Operation speed : Less than 600 times/hour	Free from any visual defect. After test, increase of Insertion loss should be less than 0.5dB.
7-3	Ferrule pushing force	When the socket contact spring is pushed to regular position, measure the spring force.	7.8N(0.8kgf)~11.8N(1.2kgf)
7-4	Temperature cycle	(-25°C/30min. +70°C /30min.) Repeat 100 cycle	Free from any defect visually. After test, increase of Insertion loss should be less than 0.5dB.
7-5	Fiber retention force (ferrule)	Apply pulling force on the fiber jacket from the ferrule. Applied force: 49N Duration: 1 minute	Free from any defect visually. After test, increase of Insertion loss should be less than 0.5dB.

8. PACKAGING

8-1. Connector

Adequate number of both plugs and receptacles shall be packed in the packaging box.

8-2. Contact

- Put each 50 contacts into plastic bag.

8-3. Indication

Indicate clearly product catalog number and quantity on the surface of package case and box.