

New Products

MMCXF connector for Earphone

The MMCXF series is a connector which is used for a connection between the main body and the cable of the high-end earphone. This product improves the occurrence of instantaneous interruption by vibration that was a weak point of the current MMCX series. Both of low price and high contact reliability are achieved as well.

Features

1. High Contact Reliability

The outer conductor of the current standard MMCX series has the structure that the electrical continuity is made by the contact force caused from the repulsion of the ring. Remarkably high dimension accuracy is required for the components to maintain the connection for this structure. It was not possible to maintain the high contact reliability considering deflection which may be caused by vibration. In order to solve these problems, the ring is redesigned for MMCXF as a contact part by itself and high contact reliability is achieved together with the resistance of vibration and abrasion.

2. Low Price

The costs are reduced for the MMCXF series by changing the manufacturing process of the ring from machining to stamping and suppressed by using low-cost material for the outside conductor which does not need “spring characteristics”.

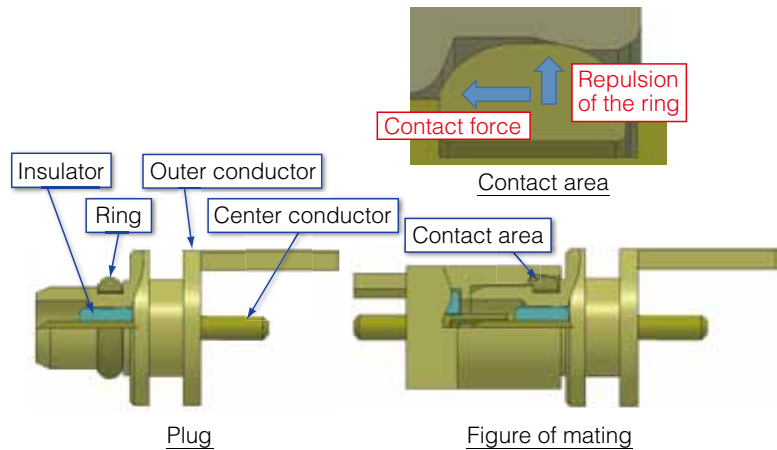


Fig. 1. MMCX series.

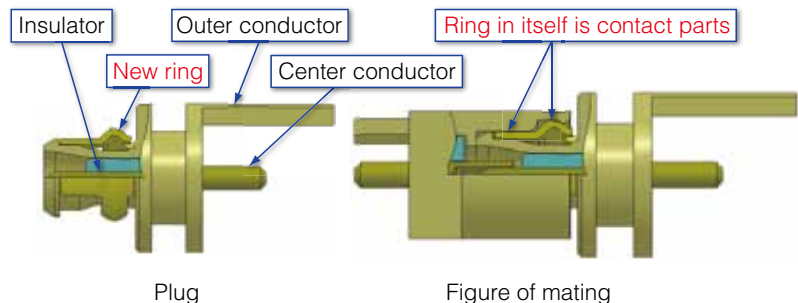


Fig. 2. MMCXF series.

[Information]

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