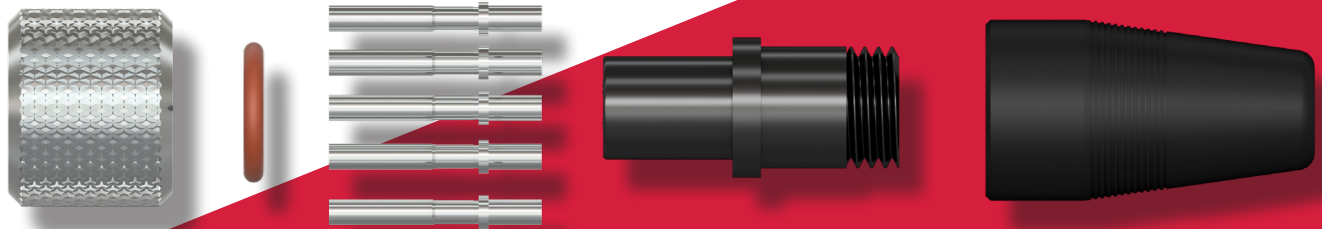




VIBRATION ANALYSIS HARDWARE



"M" Series M12-Style Connector Kits Product Manual

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INTRODUCTION

This document contains information on the operation, installation and maintenance of the M style series of connector kits.

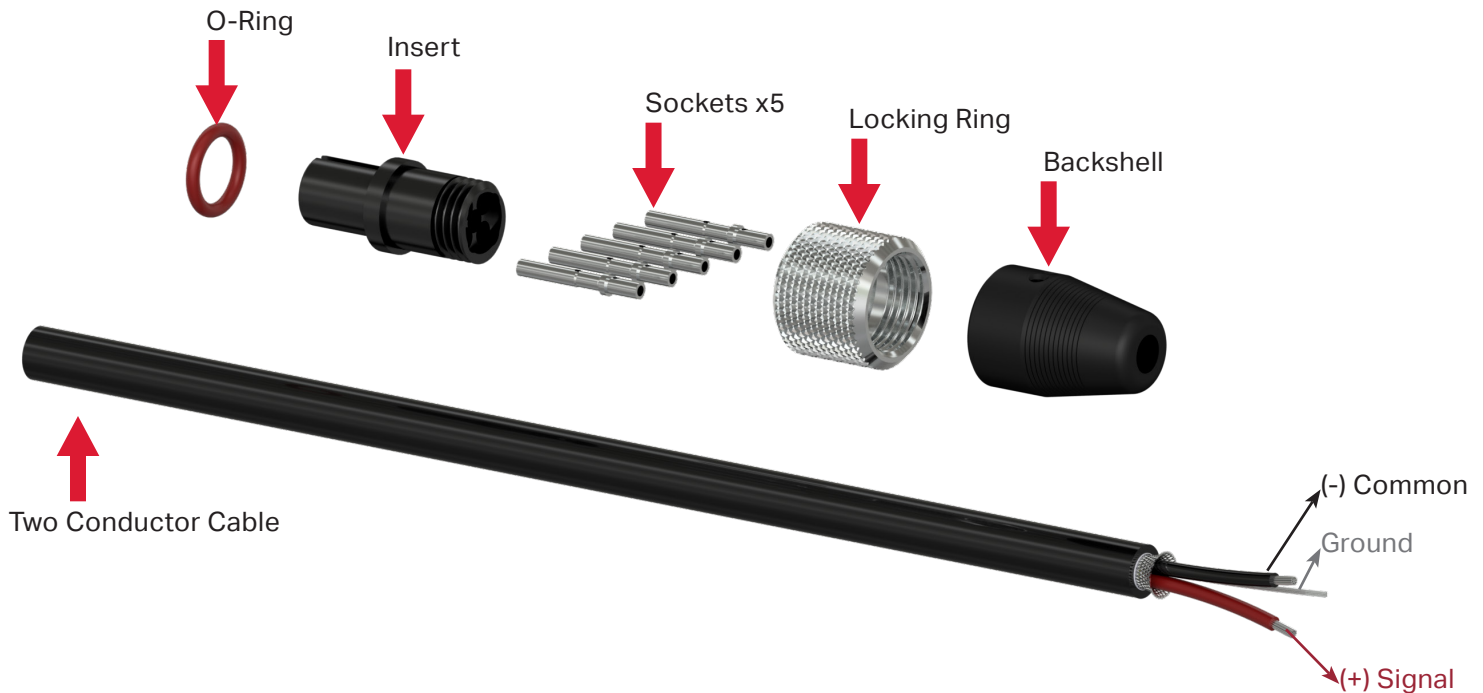


Figure 1. 2-Conductor Connector Kit Materials



Recommended Epoxy: MH109-3D

Part #	Connector Kit Parts	Material	Max Temp	Connector Kit Parts #	Compatible Cables
M2A		Polycarbonate, 316L Stainless Steel Locking Ring	250 °F (121 °C)	CK-M2A-175	CB102 CB110
				CK-M2A-190	CB111
				CK-M2A-245	CB103
				CK-M2A-250	CB193 CB124 CB802 CB806 CB810 CB811
				CK-M2A-270	CB206
				CK-M2A-303	CB602 CB606 CB611

Table 1. 2-Conductor Product Selection Guide

ASSEMBLY FOR CK-M2X SERIES

1. Strip outer jacket of wire .300 in.



2. Cut off shield and drain wire (for twisted shielded pair wires only).



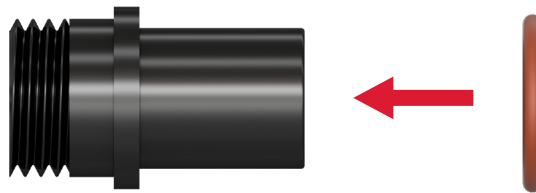
3. Strip the insulation of two conductor wires back .200 in.



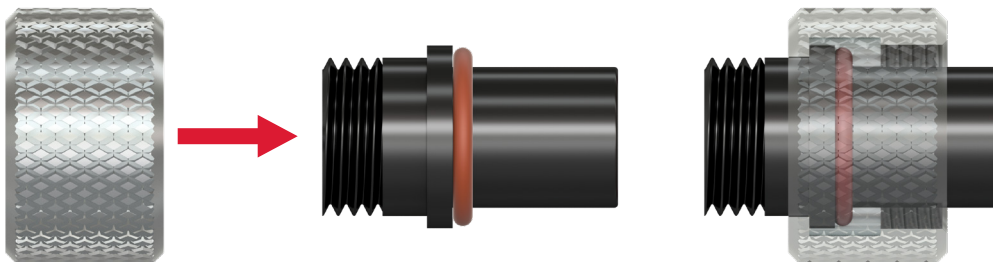
4. Crimp conductor wires into contact sockets.



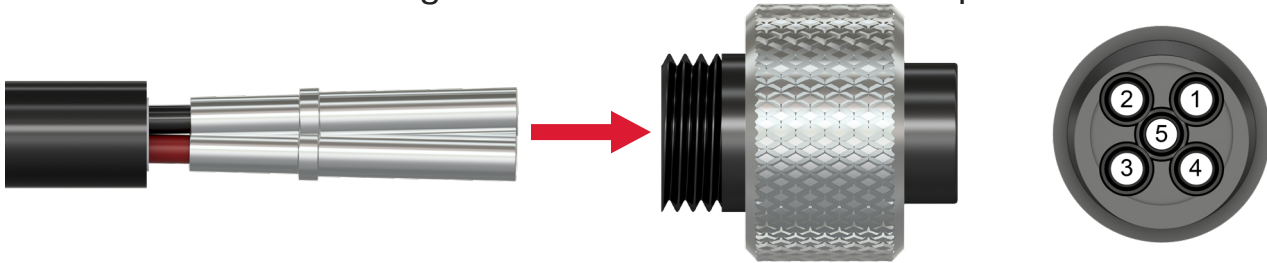
5. Attach O-ring to the front of the insert.



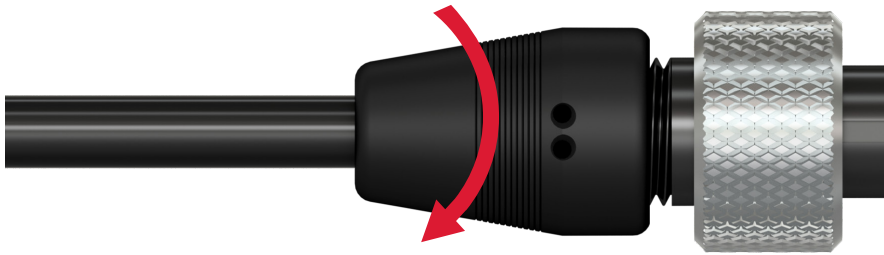
6. Slide the knurled ring over the threaded section of the insert until the metal step inside the ring catches on the plastic lip of the insert.



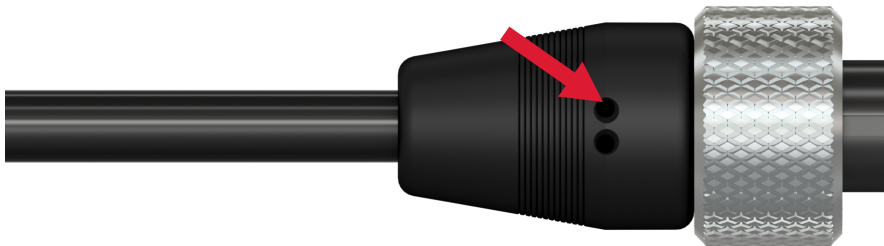
7. Using a fine-tipped punch, gently press each contact into the appropriate position on the insert.
 - a. Install accelerometer red (+) wire into the insert socket for Pin 1.
 - b. Install accelerometer black (-) wire into insert socket cup for Pin 2.
 - c. Install the remaining contacts into the non-used spaces.



8. Thread the backshell onto the insert.



9. Place the assembled connector body horizontally with the two small epoxy injection holes level and facing upward.
10. Mix epoxy. Using a syringe, fill the backshell with epoxy through one of the small injection holes until epoxy begins to seep through the other.



11. Keep the connector in a horizontal position, allowing the epoxy to set and vent any trapped air, refilling as needed, for approximately six hours.
12. Allow the epoxy to cure for 24 hours at room temperature.

MAINTENANCE

Once the product has been installed, minimal maintenance will be required. Basic visual checks to ensure integrity should be made periodically.

General

There are no customer-replaceable parts. The product has been designed for trouble-free service under normal operating conditions.

WARRANTY & REFUND

Warranty

All CTC products are backed by our unconditional lifetime warranty. If any CTC product should ever fail, we will repair or replace it at no charge.

Refund

All stock products can be returned for a 25% restocking fee if returned in new condition within 90 days of shipment. Stock products qualify for free cancellation if your order is cancelled within 24 hours of purchase. Build to order products qualify for a 50% refund if returned in new condition within 90 days of shipment. Custom products are quoted and built specifically to the requirements of the customer, which may include completely custom product designs or private labeled versions of standard products for OEM customers. Custom products ordered are non-cancellable, non-returnable and non-refundable.

