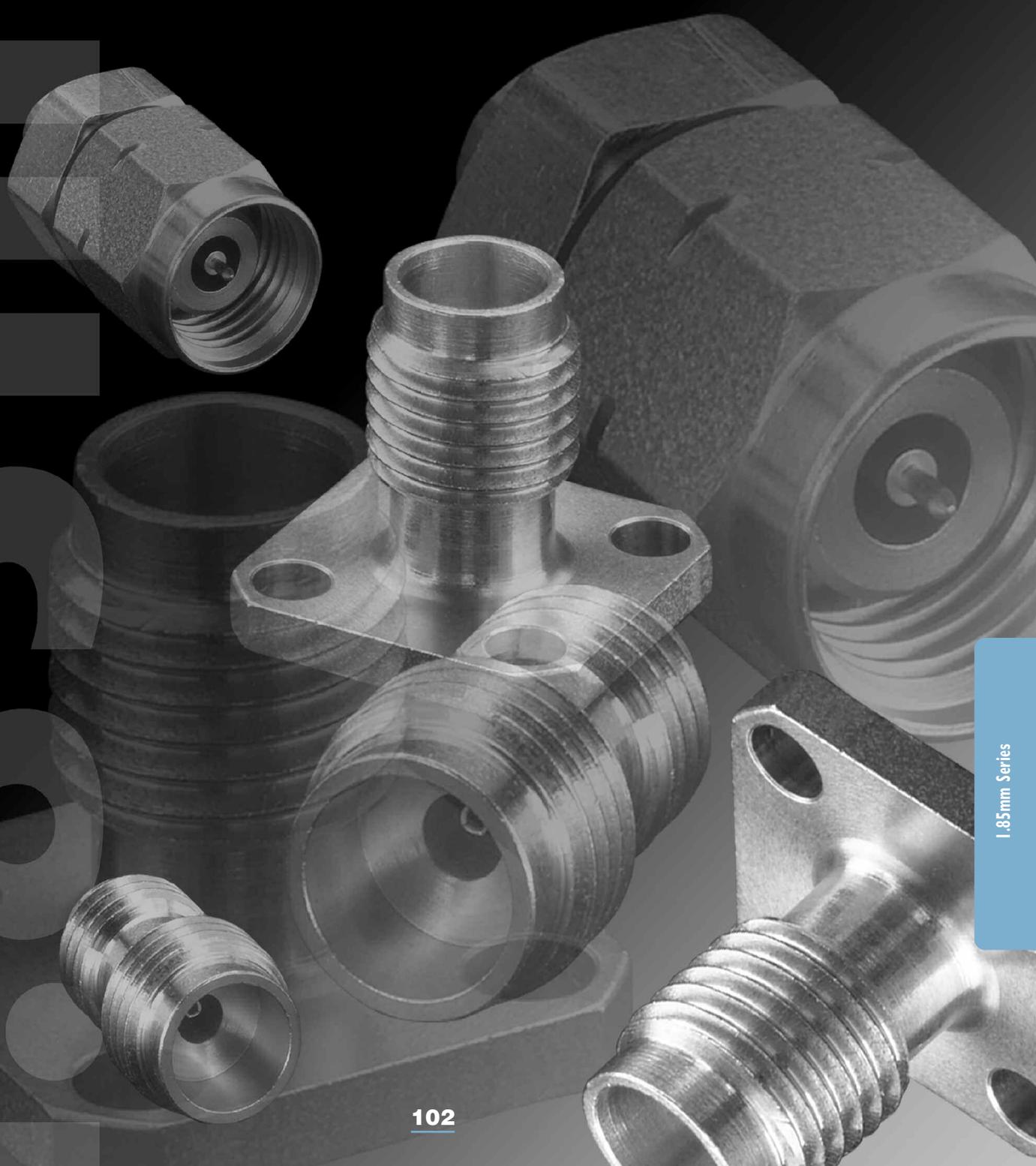


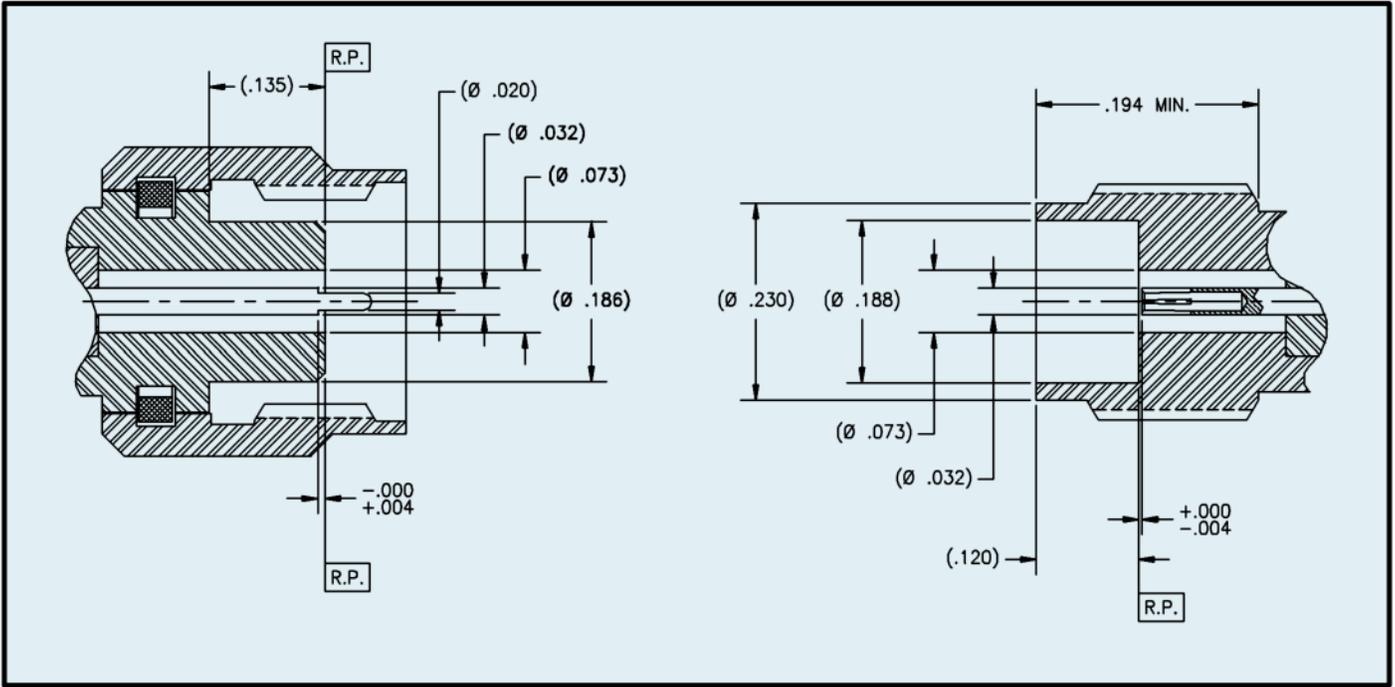
1.85mm Series

1.85mm



1.85mm Series

1.85mm Interface Mating Dimensions (Per MIL-STD-348)



1.85mm Specifications

The specifications below are general specifications for all 1.85mm connectors. Specific specifications for VSWR, insertion loss, and RF leakage for each connector is

available from the factory upon request. Specifications in the following table are recommended for any procurement documents or drawings.

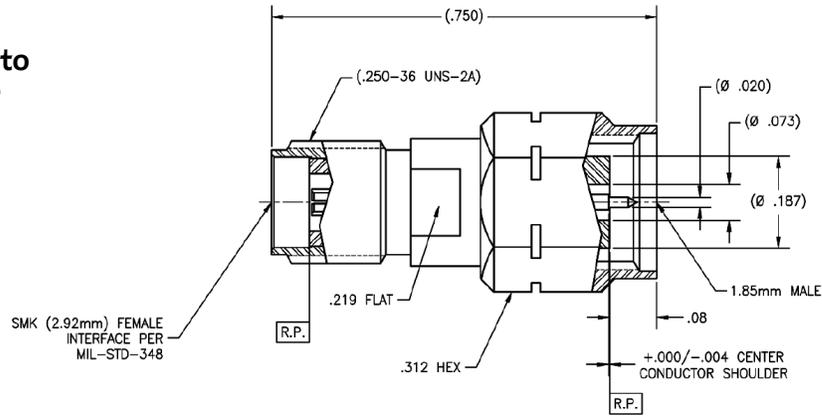
Requirement	Specifications
General	
Material	Steel corrosion resistant per ASTM A-582, 300 Series, AMS 5567, AMS 5370 Brass Alloy per ASTM B-16 Beryllium copper per ASTM B-196 or B-197 PPO™ (Polyphenolic Oxide) Teflon per ASTM D-1457 or D-1710 Silicone Rubber per ZZ-R-765, CLASS IIB. 50-60 Shore.
Finish	Center contacts shall be gold plated to a minimum thickness of .00005-inch in accordance with ASTM B-488, Type II, Code C over nickel underplate. All other metal parts shall be finished so as to provide a connector which meets the corrosion requirements of this table.
Design	The design shall be such that the outline dimensions in this catalog are met. In addition, the assembled connector shall meet the interface dimensions. Dimensions are reference only unless stated.
Electrical	
Impedance	50 Ohms Nominal
Voltage Standing Wave Ratio (VSWR)	Refer to applicable military slash sheet or consult factory.
RF Leakage	Refer to applicable military slash sheet or consult factory.
Insertion Loss	Refer to applicable military slash sheet or consult factory.
Mechanical	
Force to Engage and Disengage	The torque required to engage and disengage shall not exceed 2 inch-pounds. The longitudinal force is not applicable.
Coupling Nut Retention Force	60 lbs. minimum. Applicable to male connectors only.
Coupling Proof Torque	15 in.-lbs. minimum. Applicable to male connectors only.
Environmental	
Vibration	Specification MIL-STD-202, Method 204, Test Condition D.
Shock	Specification MIL-STD-202, Method 213, Test Condition I.
Thermal Shock	Refer to applicable military slash sheet or consult factory.
Corrosion (Salt Spray)	Specification MIL-STD-202, Method 101, Test Condition B.
Moisture Resistance	Specification MIL-STD-202, Method 106. No measurement at high humidity. Insulation resistance shall be 200 megaohms min. within 5 minutes after removal from humidity.

Complete specifications on every connector in this catalog are available from the factory.

1.85mm Adapters

V 203-1CC

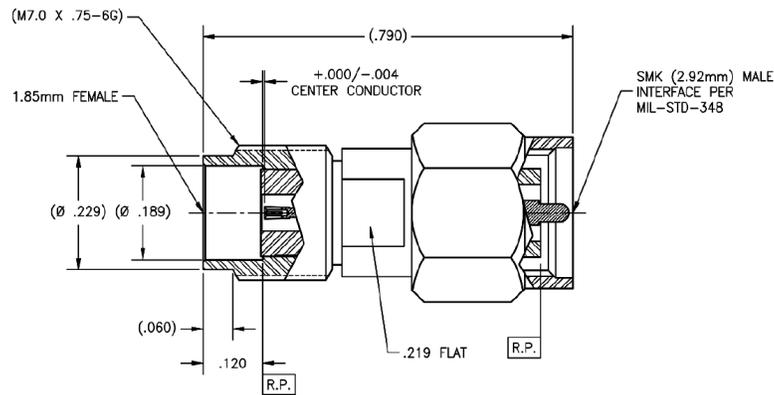
1.85mm male straight to SMK (2.92mm) female adapter



Center conductor is captivated.
Standard units are gold finish.

V 204-1CC

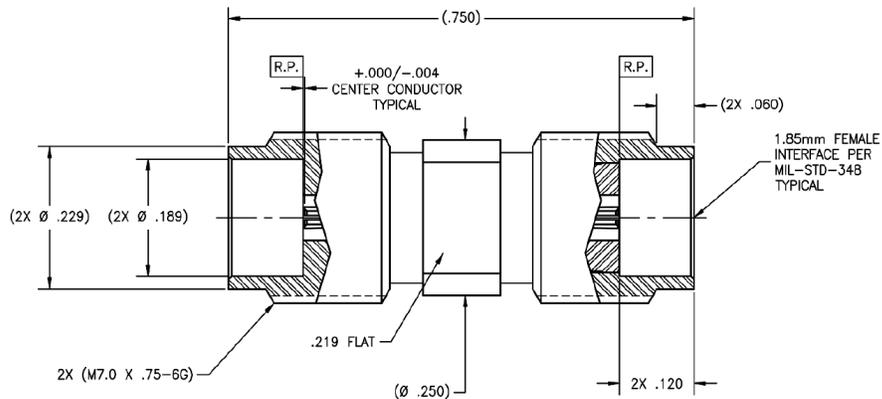
1.85mm female straight to SMK (2.92mm) male adapter



Center conductor is captivated.
Standard units are gold finish.

V 205-1CC

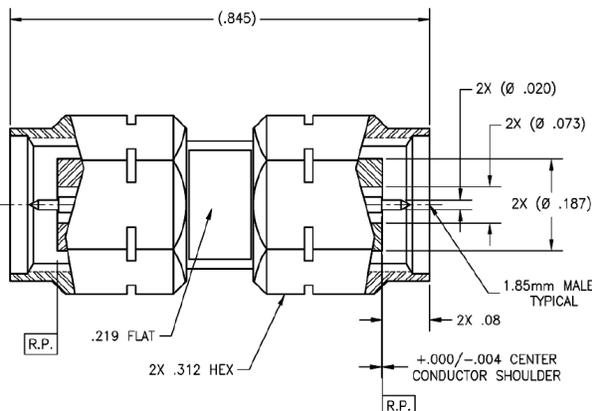
1.85mm female straight to 1.85mm female adapter



Center conductor is captivated.
Standard units are gold finish.

V 206-1CC

1.85mm male straight to 1.85mm male adapter

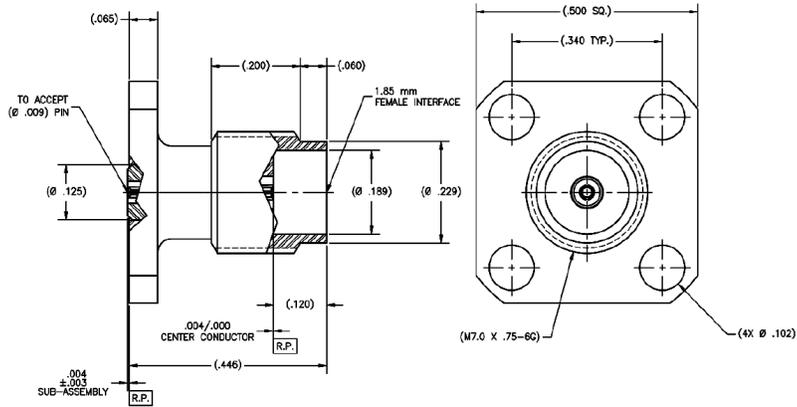


Center conductor is captivated.
Standard units are gold finish.

1.85mm Field Replaceable

V 200-1CC

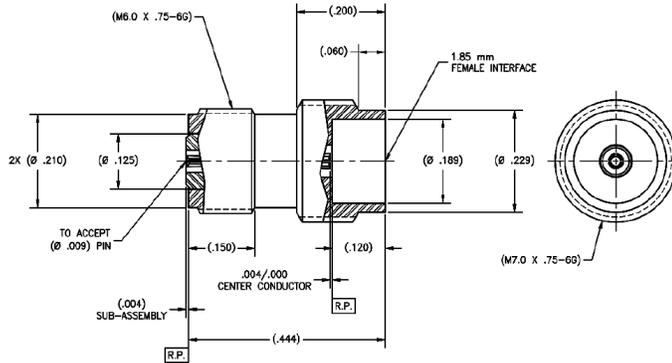
1.85mm female 4 hole flange mount field replaceable



Center conductor is captivated.
Standard units are gold finish.

V 202-1CC

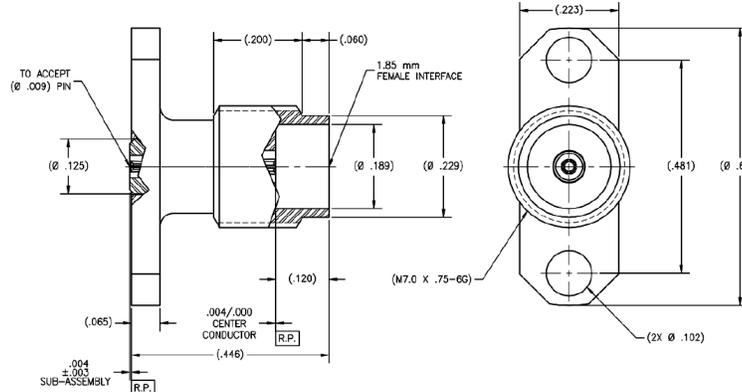
1.85mm female bulkhead field replaceable



Center conductor is captivated.
Standard units are gold finish.

V 208-1CC

1.85mm female 2 hole flange mount field replaceable

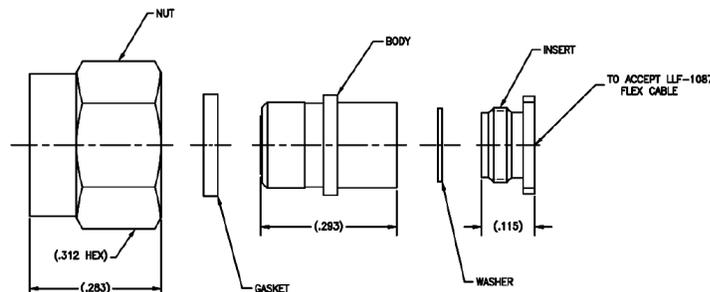


Center conductor is captivated.
Standard units are gold finish.

1.85mm Cable Connector

V 213-1CC

V male to LLF-1087 flex cable



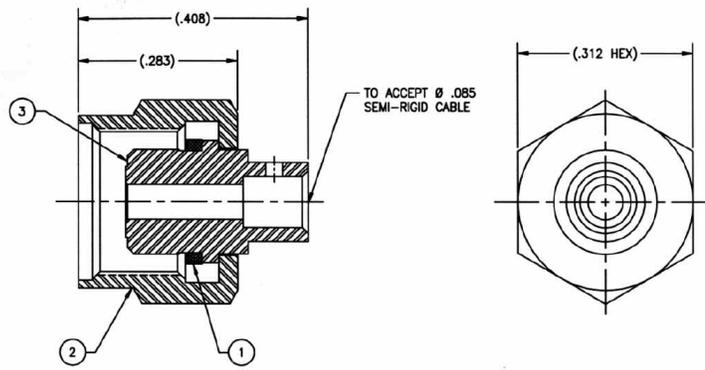
Center conductor is captivated.
Standard units are gold finish.

1.85mm Field Replaceable & Cable Connector

1.85mm Cable Connector

V 214 -1CCSF

1.85 mm male
straight to Ø .085
Semi-Rigid cable



Center conductor is captivated.
Standard units are gold finish.