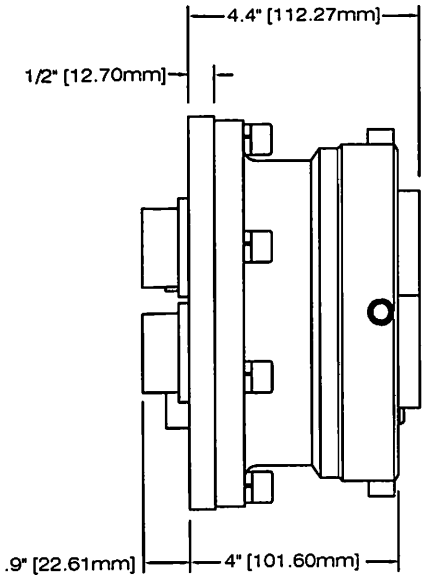
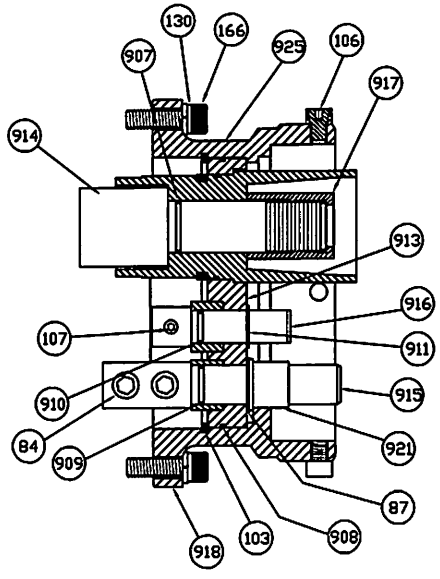
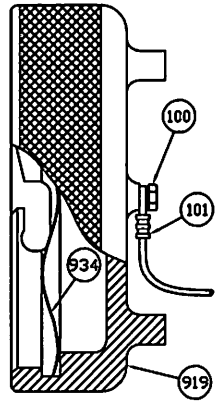
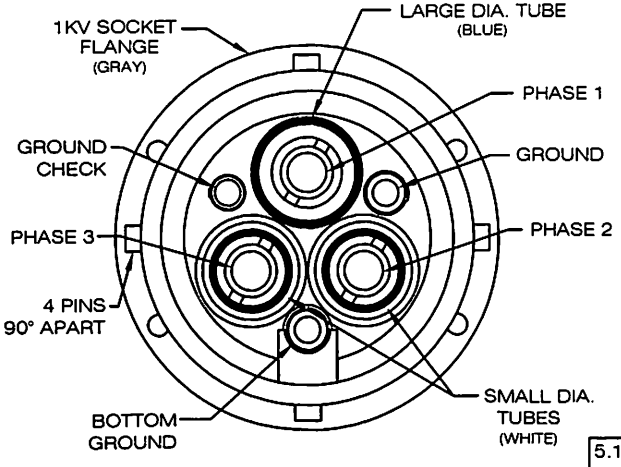


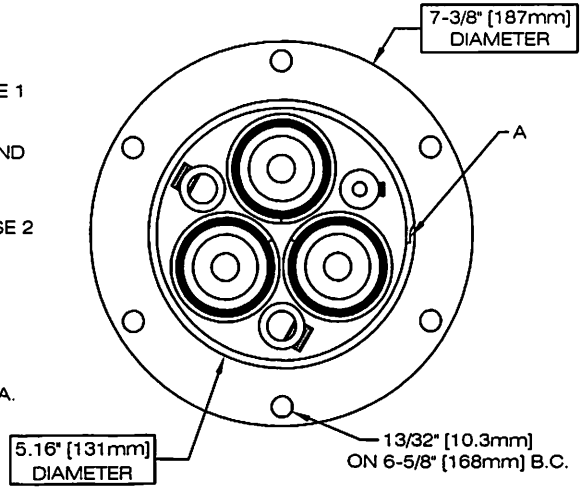




ITEM#	QTY.	PART NO.	DESCRIPTION
84	4	314 -	SET SCREW - SPECIFY SIZE
86	1	342	COPPER SHIELDING TAPE
87	2	329	GROUND CONTACT RETAINING RING
100	2	181	1/4-20 x 5/8 HHCS - STAINLESS STEEL
101	1	171	COVER CABLE ASSEMBLY
103	1	327	INSULATOR RETAINING RING
106	4	185R-COMP	ROLLER PIN AND SLEEVE
107	1	315	1/4-20 x 3/8 SET SCREW - STAINLESS STEEL
130	6	940	LOCK WASHER
166	6	424	3/8-16 x 1-1/4 SHCS - STAINLESS STEEL
907	3	984	PHASE CONTACT O-RING
908	1	986	INSULATOR O-RING
909	2	987	GROUND CONTACT O-RING
910	1	988	GROUND CHECK CONTACT O-RING
911	1	989	GROUND CHECK CONTACT RETAINING RING
913	1	971F1-COMP	FEMALE INSULATOR ASSEMBLY - 1KV
914	3	938	FEMALE PHASE CONTACT
915	2	976A-COMP	FEMALE GROUND CONTACT ASSEMBLY
916	1	977A-COMP	FEMALE GROUND CHECK CONTACT ASSEMBLY
917	3	979-COMP	FEMALE PHASE CONTACT NUT ASSEMBLY
918	1	965D-COMP	LVNT SOCKET FLANGE ASSEMBLY - 1KV
919	1	980S4-COMP	LVNT SOCKET COVER ASSEMBLY - 1KV-3KV
921	1	993	FEMALE GROUND CONTACT ISOLATION BUSHING
925	1	368-11	LVNT MODEL TAG - 1KV
934	1	980S.1	LVNT SOCKET COVER WAVE SPRING



CONTACT END VIEW



CABLE END VIEW

ASSEMBLY INSTRUCTIONS

1) REMOVE THE INSULATOR ASSEMBLY (913) FROM THE SOCKET FLANGE (918) BY REMOVING THE INSULATOR RETAINING RING (103). THIS IS A SPIRAL TYPE RETAINING RING AND CAN BE REMOVED BY PLACING A SCREWDRIVER UNDER THE END OF THE SPIRAL (A) AND LIFTING THE RING.

2) REMOVE THE INSULATOR FROM THE SOCKET FLANGE BY LAYING THE FRONT OF THE INSULATOR TUBES (CONTACT SIDE) ON A CLEAN FLAT SURFACE AND PRESSING ON THE SOCKET FLANGE.

3) REMOVE THE INSULATION FROM THE ENDS OF THE CONDUCTORS AS FOLLOWS: PHASE CONDUCTORS 1-1/2" (38mm) , GROUND CONDUCTORS 1-7/8" [48mm] AND GROUND CHECK CONDUCTOR 3/4" (19mm).

4) SLIDE THE INSULATOR RETAINING RING BACK OVER THE CONDUCTORS BEFORE ATTACHING THE CONTACTS.

5) THE PHASE CONTACTS (914) MUST BE REMOVED FROM THE INSULATOR TO INSTALL THE CONDUCTORS. THE GROUNDS (915) AND GROUND CHECK (916) CONTACTS CAN BE LEFT IN THE INSULATOR ASSEMBLY. REMOVE THE PHASE CONTACTS BY UNSCREWING THE THREE CONTACT NUTS (917).

IMPORTANT:

REMOVE THE O-RINGS (907) FROM THE PHASE CONTACTS BEFORE SOLDERING.

6) SOLDER ATTACH THE PHASE CONDUCTORS INTO THE CONTACTS USING PREFERABLY 50-50 SOLDER. **DO NOT COOL THE CONTACTS WITH WATER.** QUENCHING THE CONTACTS CAN CAUSE A COLD SOLDER JOINT AND INCREASE RESISTANCE.

7) AFTER THE PHASE CONTACTS HAVE COOLED, REPLACE THE O-RINGS AND REINSTALL THE CONTACTS INTO THE INSULATOR. REPLACE THE CONTACT NUTS.

8) INSERT THE GROUND CHECK LEAD INTO THE GROUND CHECK (916) AND TIGHTEN THE SET SCREW.

9) THE TWO GROUND CONTACTS (915) HAVE BEEN ISOLATED FROM THE SHELL OF THE COUPLER. INSTALL THE GROUND LEADS AS DESIRED AND TIGHTEN THE SET SCREWS.

10) APPLY A SMALL AMOUNT OF SILICONE GREASE (PROVIDED) TO THE O-RING TO EASE INSERTION OF THE INSULATOR INTO THE SOCKET FLANGE. MAKE CERTAIN THE GROUND ISOLATION BUSHING (921) IS ON THE GROUND CONTACT IN THE 6 O-CLOCK POSITION OF THE INSULATOR. INSTALL THE INSULATOR AND REPLACE THE INSULATOR RETAINING RING. **MAKE CERTAIN THAT THE RETAINING RING IS COMPLETELY SEATED IN THE GROOVE.**

11) MOUNT THE SOCKET FLANGE TO THE ADAPTER PLATE USING THE 3/8-16 x 1-1/4 BOLTS (166) AND THE LOCK WASHERS (130) PROVIDED.