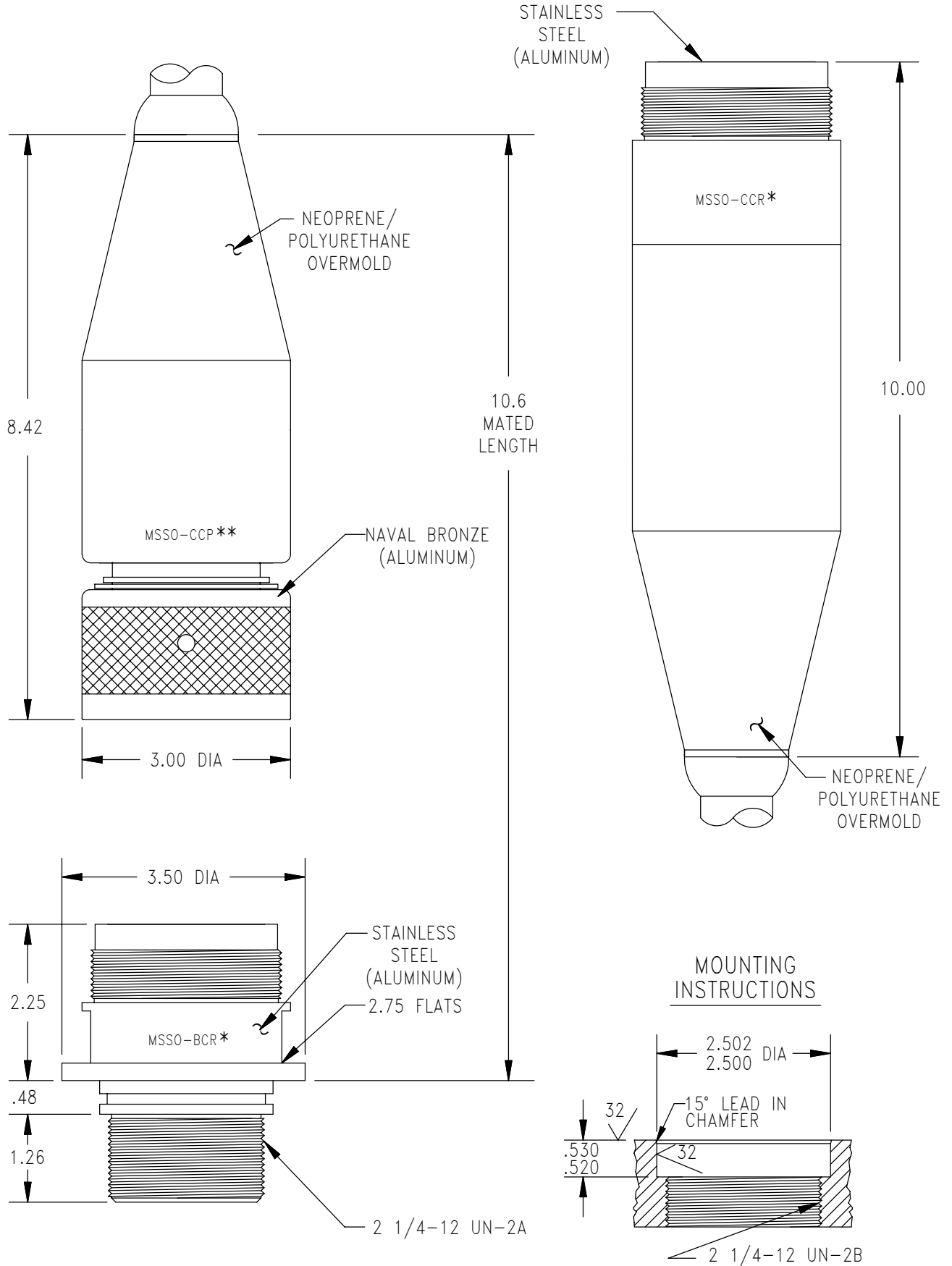
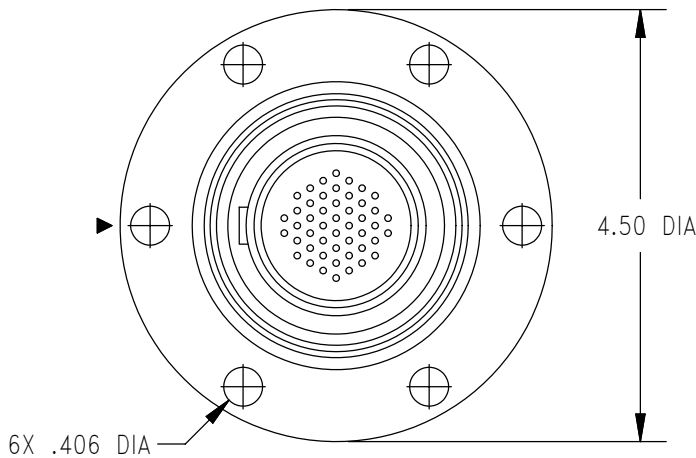


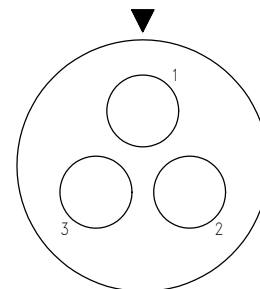
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DESCRIPTION AND MATERIAL	<ul style="list-style-type: none"><li>• 316 stainless steel passivated per QQ-P-35 Type VI with naval bronze engaging nut.</li><li>• Optional material is (MSA) 6061-T6 Aluminum, hard anodized per MIL-A-8625, Type III, Class 2.</li><li>• Special alloys are available upon request (contact factory).</li><li>• Contains a removable glass reinforced epoxy insert (with the exception of the MSSJ/MSAJ).</li><li>• One to 96 contacts.</li><li>• Up to 600 VDC. Up to 5000 VDC using high voltage insert.</li><li>• From 10,000 PSI to 20,000 PSI in mated condition (higher pressure rating available using special alloy metal shell; please contact factory).</li><li>• Bulkhead connector design open face pressure rated to 5000 psi.</li><li>• MSS-CCR/CCP connectors can be overmolded with polyurethane or neoprene.</li><li>• Conductor insulation and jacket material of specified cable determines overmold material.</li><li>• Contacts are gold plated per MIL-G-45204.</li></ul>
CABLE MATERIAL	<ul style="list-style-type: none"><li>• Connector's amperage and voltage may be limited by the amperage and voltage ratings of the cable to which the connector is molded.</li><li>• This series is not molded to cable unless specified at the time of order.</li></ul>
USES MATERIAL	<ul style="list-style-type: none"><li>• Heavy duty applications.</li><li>• Hazardous, rugged environment.</li><li>• Power transmission.</li><li>• Signal telemetry.</li><li>• FCR is mounted by use of six equally spaced bolts around the flange surface.</li><li>• FCR is used in place of the BCR when the use of a bulkhead nut and washer is impractical.</li><li>• For all open face pressures above 5,000 PSI the BCR, FCR must be back potted (please contact the factory).</li><li>• The CCR is used in a variety of rugged environments where cable to cable termination is necessary.</li></ul>
GUIDELINES MATERIAL	<ul style="list-style-type: none"><li>• Mounting torque should not exceed 200 in lbs. for this series.</li><li>• All mounting surfaces require a 32 finish.</li><li>• Align indexes.</li><li>• Keep o-ring grooves clean.</li><li>• Avoid o-ring cuts and nicks.</li><li>• Lubricate o-rings with Dow Corning #111 Valve Lubricant or equivalent.</li><li>• Replace o-rings when re-using connectors.</li><li>• Avoid contact with noxious solvents.</li><li>• Elastomers can be seriously degraded if exposed to direct sunlight or high ozone levels for extended periods of time.</li></ul>

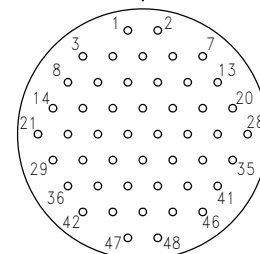




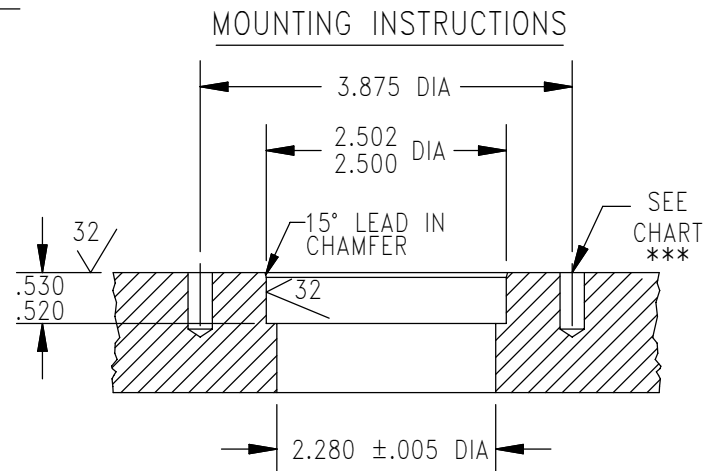
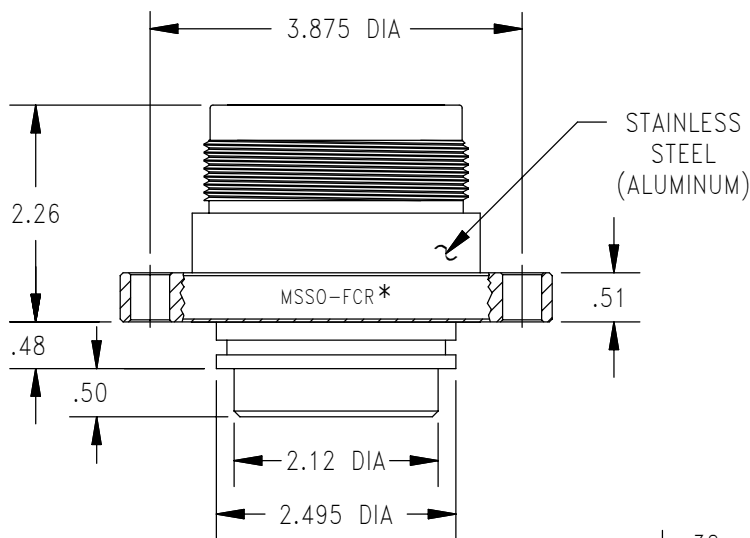
### CONTACT CONFIGURATION (BCR FACE VIEWS)



3#4  
600VDC



48#20  
600VDC



MOUNTING TORQUE FOR MSSO, MSAO-BCR	not to exceed 200 in lbs	MATED PRESSURE RATING (psi)	20,000
DUMMY PLUG FOR MSSO-BCR/FCR/CCR	MSSO-SCP	DUMMY PLUG FOR MSSO-CCP	MSSO-SCR
DUMMY PLUG FOR MSAO-BCR/FCR/CCR	MSAO-SCP	DUMMY PLUG FOR MSAO-CCP	MSAO-SCR

NOTE: Delrin protective caps available upon request.  
 \* See Technical Bulletin 45 71 for internal assembly and hardware specifications.  
 \*\* See Technical Bulletin 45 72 for internal assembly and hardware specifications.  
 \*\*\* Blind tapped hole not to penetrate bulkhead, minimum full thread depth 2 times bolt diameter.