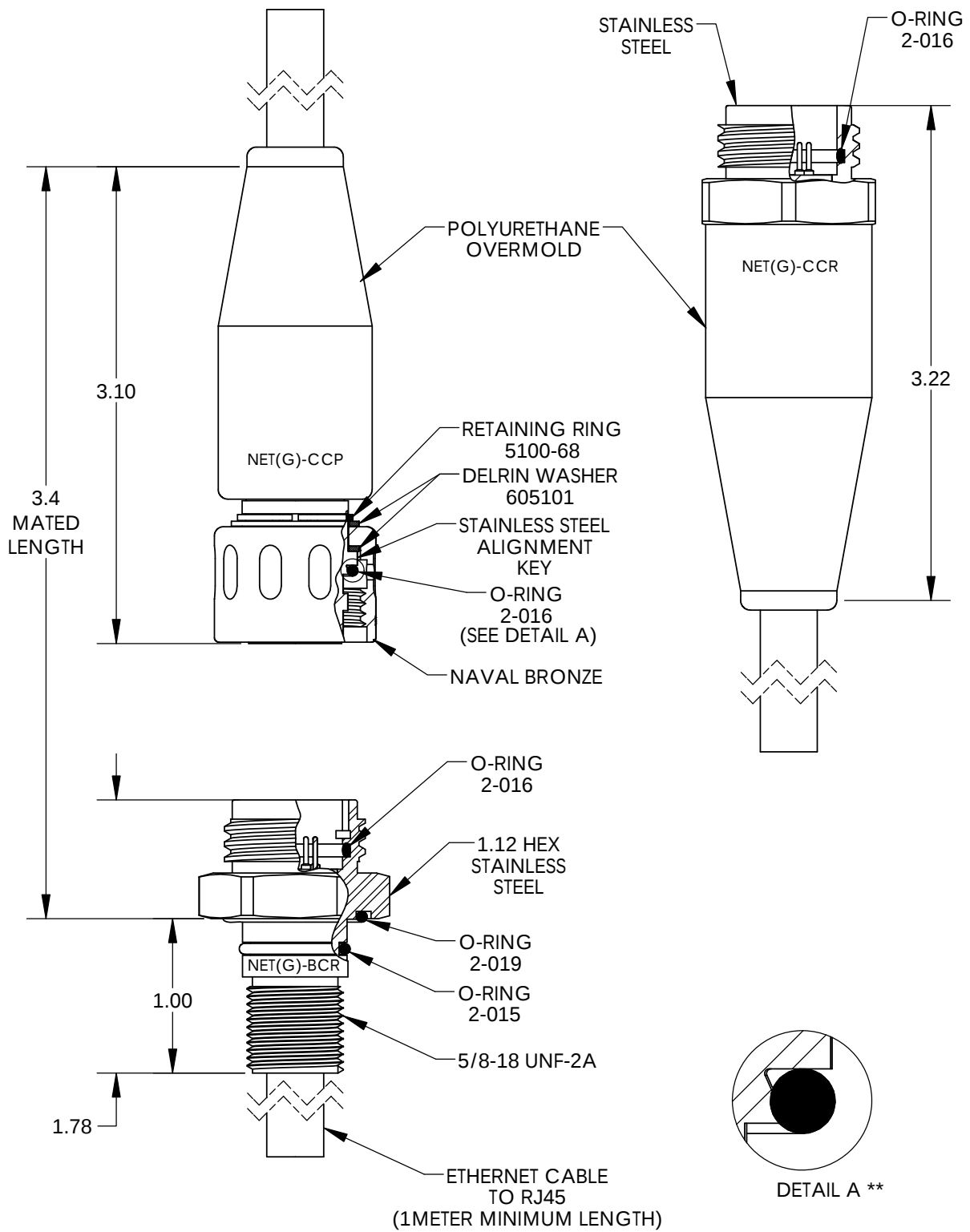
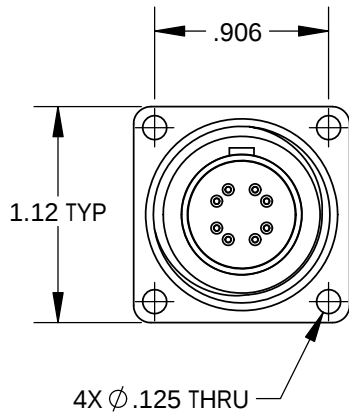
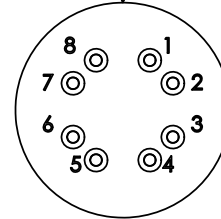


DESCRIPTION AND MATERIAL	• Metal to metal key for position alignment. • 316 stainless steel passivated per QQ-P-35 Type VI with naval bronze engaging nut. • Special alloys are available upon request (contact factory). • 8 contacts (#22) for 4 twisted pairs. • Contacts are gold plated per MIL-G-45204. • Working voltage up to 230 VDC. • 10,000 PSI in mated condition (higher pressure rating available using special alloy metal shell; please contact factory). • NET-CCR/CCP connectors are overmolded with polyurethane.
CABLE	• Connector's amperage and voltage is limited by the amperage and voltage ratings of the cable to which the connector is molded. • This series is molded to Teledyne Impulse qualified cable (maximum length 70 m for 1 Gbit/s transmissions). Customer specified cables can be used, but would require testing to verify data rate.
USES	• ROV applications. • Signal telemetry. • Hazardous environment.
GUIDELINES	• FCR is mounted by use of four equally spaced bolts around the flange surface. • FCR is used in place of the BCR when the use of a bulkhead nut and washer is impractical. • Mounting torque should not exceed 150 in lbs. for this series. • All mounting surfaces require a 32 finish. • Align indexes. • Keep o-ring grooves clean. • Avoid o-ring cuts and nicks. • Lubricate o-rings with Dow Corning #111 Valve Lubricant or equivalent. • Replace o-rings when re-using connectors. • Elastomers can be seriously degraded if exposed to direct sunlight or high ozone levels for extended periods of time.

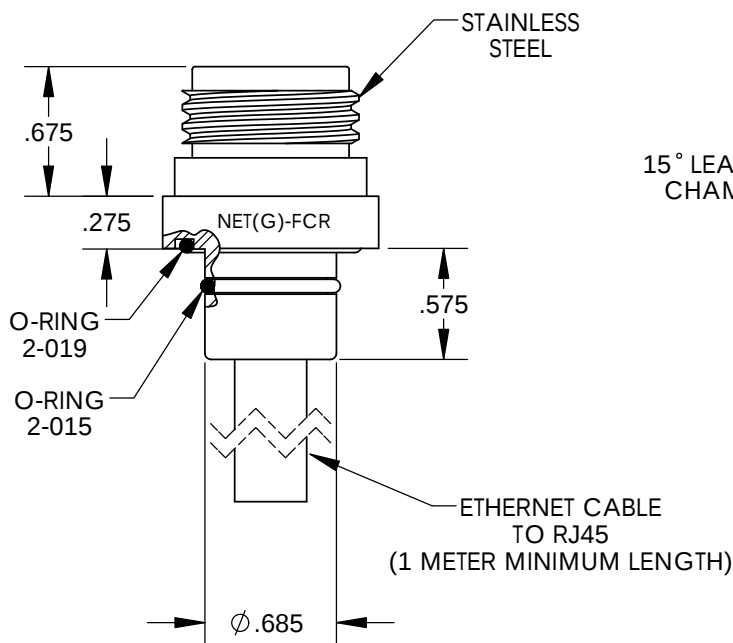




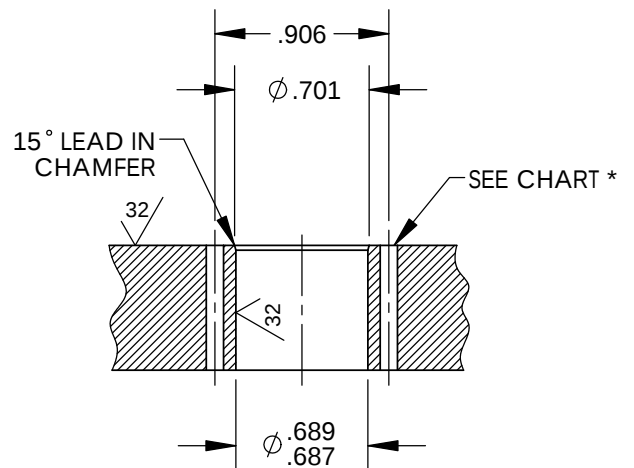
CONTACT CONFIGURATION (BCR FACE VIEW)



8#22
230 VDC

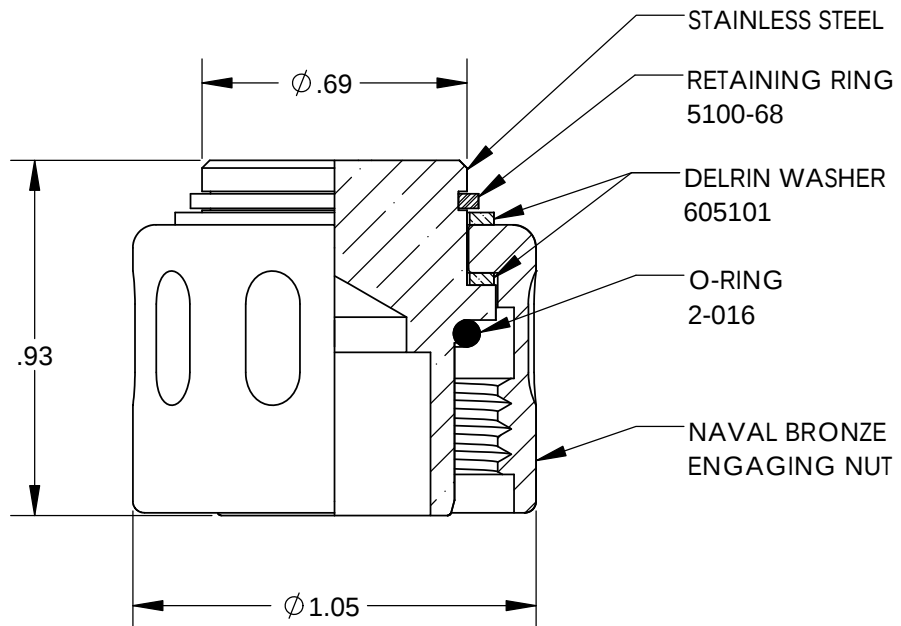


MOUNTING INSTRUCTIONS

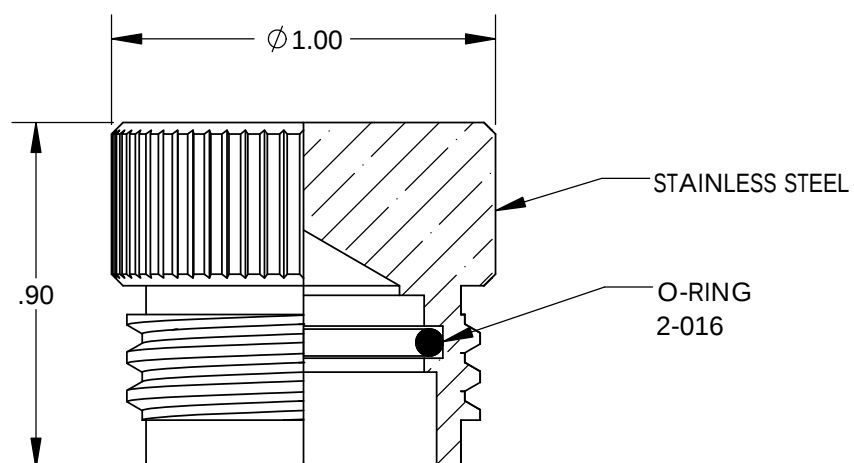


MOUNTING TORQUE FOR NET(G)-BCR	not to exceed 150 in lbs	MATED PRESSURE RATING (psi)	10,000
DUMMY PLUG FOR NET(G)-BCR/FCR/CCR	NET(G)-SCP	DUMMY PLUG FOR NET(G)-CCP	NET(G)-SCR
NOTE: * Blind tapped hole not to penetrate bulkhead, minimum full thread depth 2 times bolt diameter. ** O-Ring installation tool available - contact factory for further details. *** Total assembly length not to exceed 70 meters for 1 Gbit transmission.			

SCP

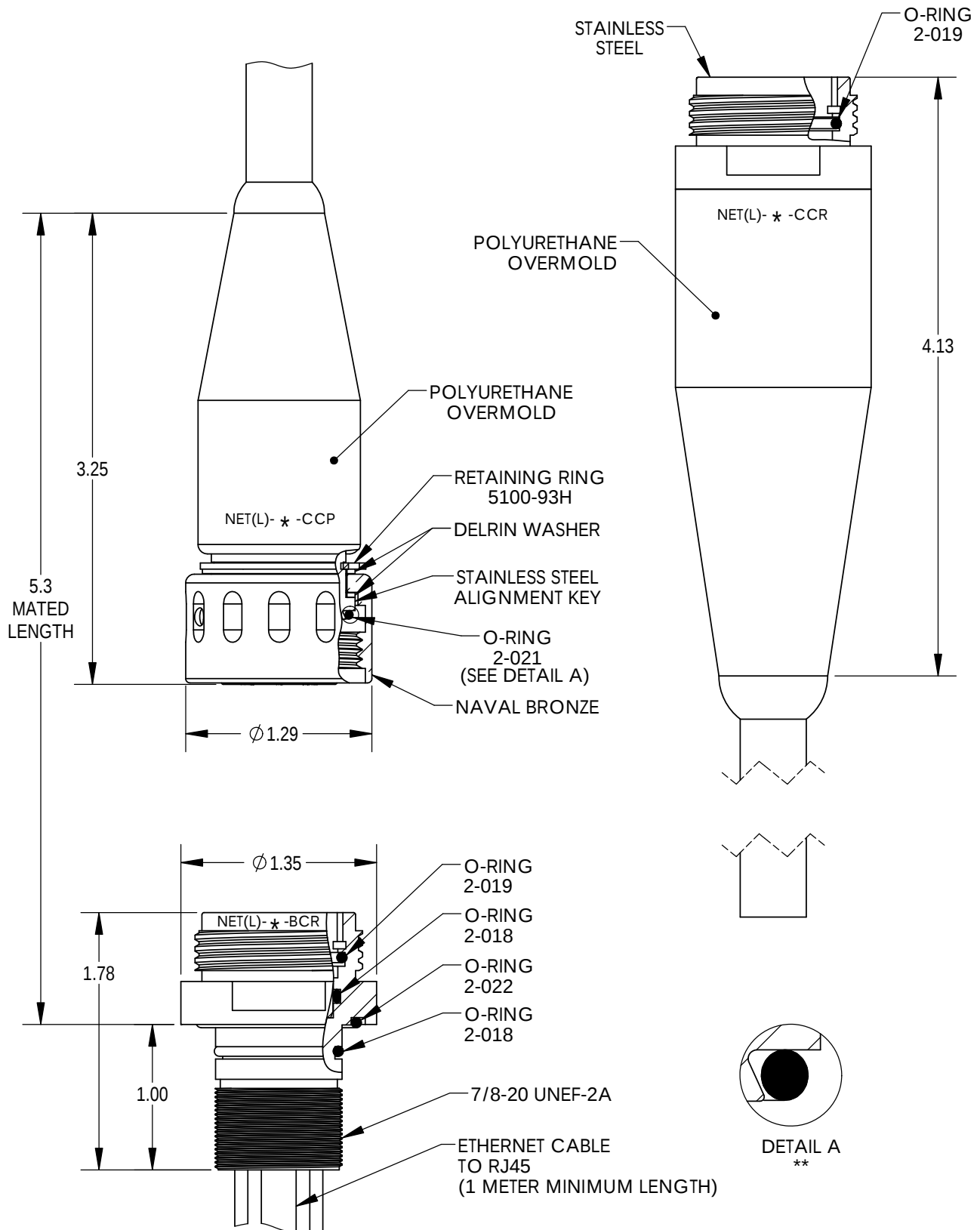


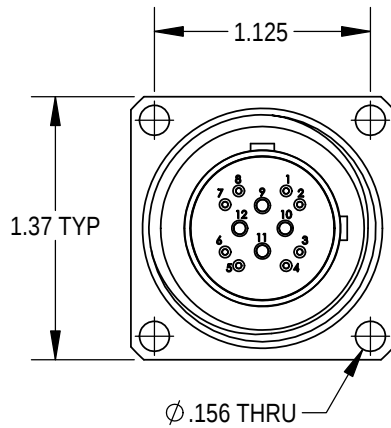
SCR



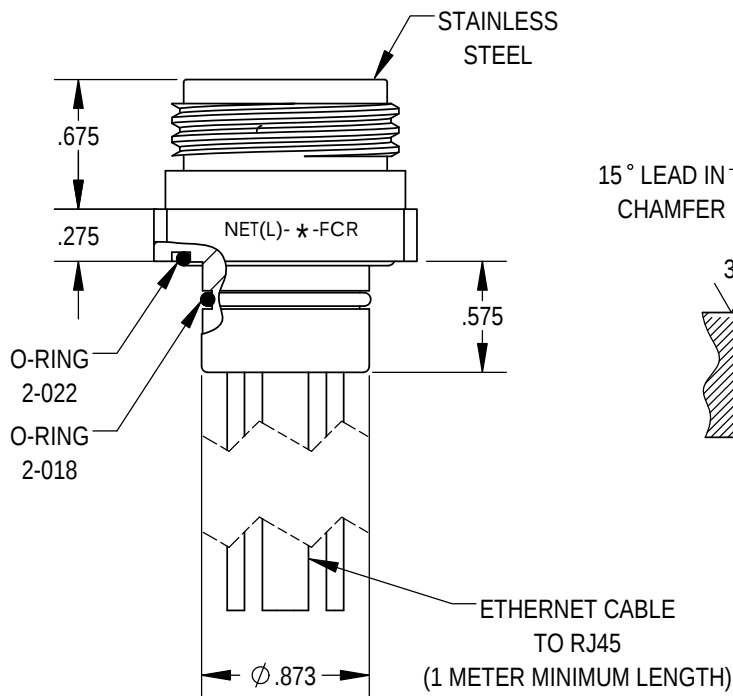
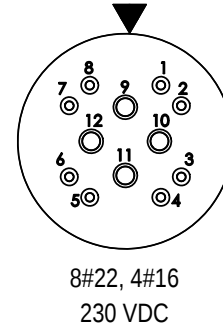
NET(L)

NET SERIES
1 GIGABIT ETHERNET

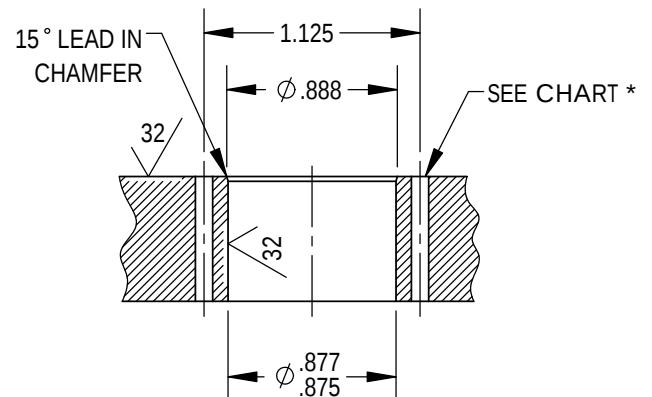




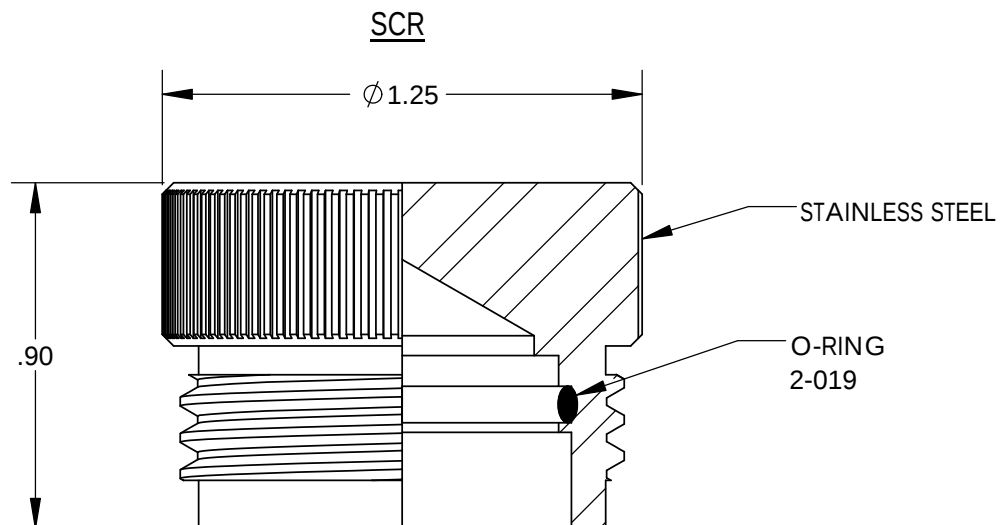
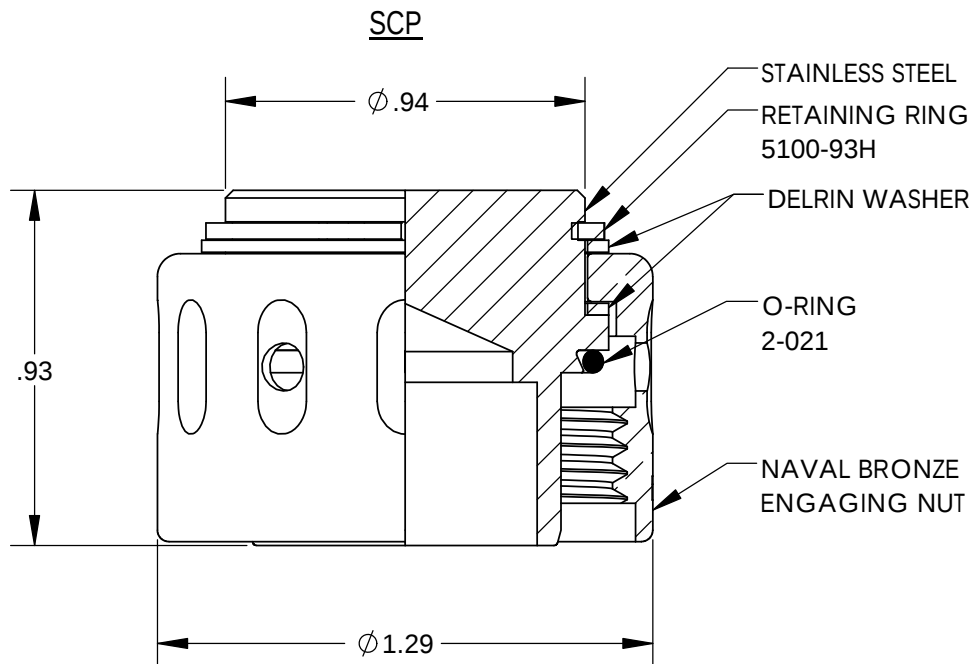
CONTACT CONFIGURATION (BCR FACE VIEW)



MOUNTING INSTRUCTIONS



MOUNTING TORQUE FOR NET(L)-BCR	not to exceed 150 in lbs	MATED PRESSURE RATING (psi)	10,000
DUMMY PLUG FOR NET(L)-BCR/FCR/CCR	NET(L)-SCP	DUMMY PLUG FOR NET(L)-CCP	NET(L)-SCR
NOTE: * Blind tapped hole not to penetrate bulkhead, minimum full thread depth 2 times bolt diameter. ** O-Ring installation tool available - contact factory for further details. *** Total assembly length not to exceed 70 meters for 1 Gbit transmission.			



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