QPL QUALIFIED

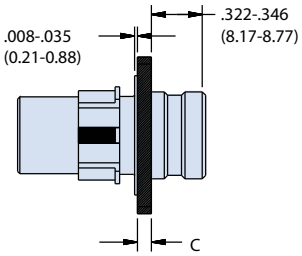
MIL-DTL-38999 Series IV, Breech Coupling

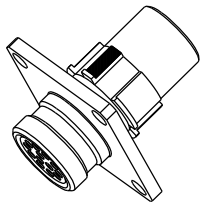
38999/42 box mount receptacle

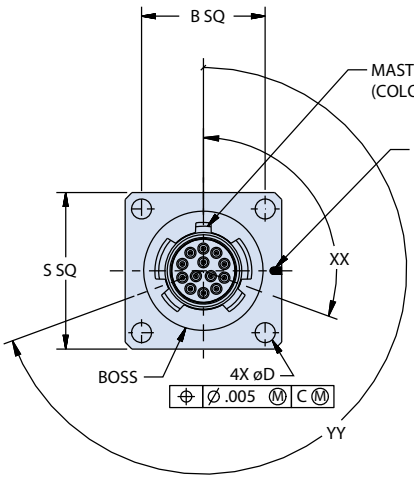
MILNEC INTERCONNECT SYSTEMS

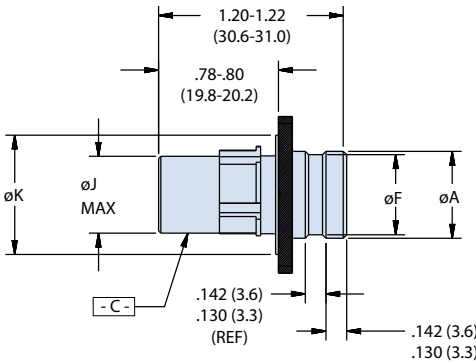
SERIES IV ENVIRONMENTAL

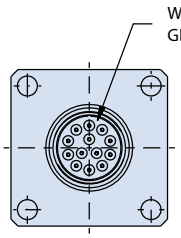
QPL Part Number Development						
Sample Part Number	**D38999/42**	**W**	**J**	**30**	**P**	**N**
MIL-DTL-38999	**38999/42** = Box mount receptacle					
Class	**F** = Environmental, aluminum, electroless nickel, conductive, -65°C to +200°C **W** = Environmental, aluminum, cadmium olive drab, conductive, -65°C to +175°C **G** = Environmental, aluminum, electroless nickel, conductive, -65°C to +200°C (space-grade)					
Shell Size	**B**, **C**, **D**, **E**, **F**, **G**, **H**, **J**					
Insert Arrangement	Per MIL-STD-1560; See reference information section for details					
Contact Style	**P** = Pin Insert **A** = Pin Gender, Less Contacts **S** = Socket Insert **B** = Socket Gender, Less Contacts					
Polarization	**N** (Normal), **A**, **B**, **C**, **D**, **K**, **L**, **M**, **R**; see polarization positions table					



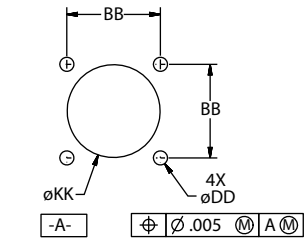




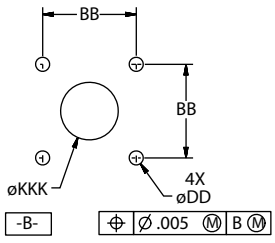




Polarization Position									
	N	**A**	**B**	**C**	**D**	**K**	**L**	**M**	**R**
XX	110°	100°	90°	80°	70°	120°	120°	120°	120°
YY	250°	260°	270°	280°	290°	255°	265°	275°	285°



Recommended panel cutout
.125 max panel thickness
rear panel mount



Recommended panel cutout
.125 max panel thickness
front panel mount