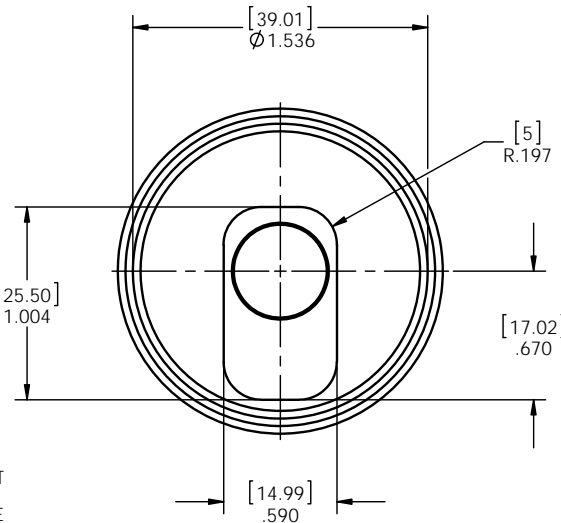
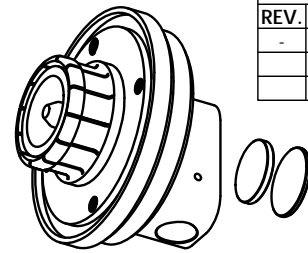
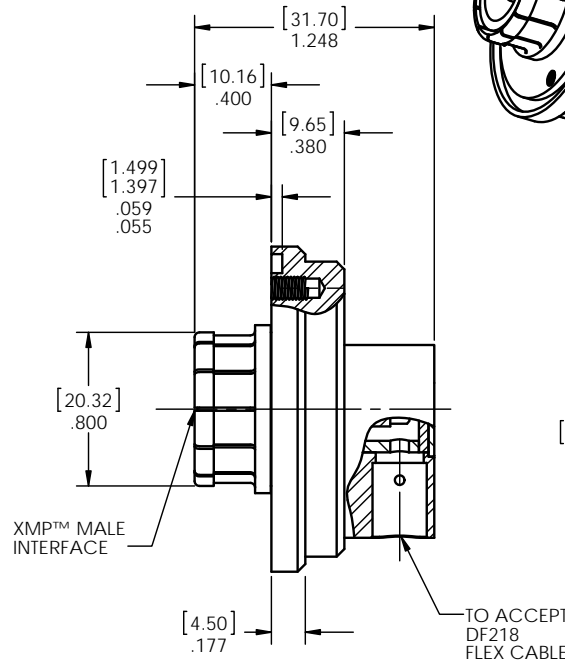
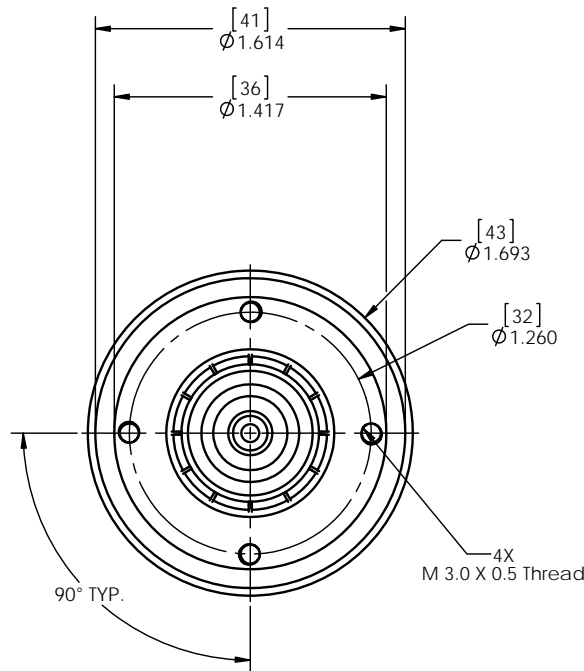


REVISIONS			
REV.	DESCRIPTION	DATE	BY
-	INITIAL RELEASE	12/05/2013	YP



NOTE(S) :  
 1. REAR INSULATOR & END CAP TO BE PACKAGED & SHIPPED UNASSEMBLED.

**MATERIAL(S) :**  
 Front Body & Center Conductor:  
 BeCu Alloy per ASTM B-196  
 Rear Body, Cable Insert & End Cap:  
 Brass Alloy per ASTM B-16  
 Insulator:  
 PTFE Teflon per ASTM D-1710

**ELECTRICAL(S) :**  
 Impedance: 50 Ohms Nominal  
 Frequency Range: DC to 3 GHz  
 VSWR: 1.10 : 1 to 3 GHz  
 Insertion Loss: .05 TO 3 GHz

**MECHANICAL(S) :**  
 Mating Characteristics:  
 Consult Factory  
 Force to Engage & Disengage:  
 Consult Factory  
 Connector Durability:  
 Consult Factory  
 Center Contact Retention:  
 Axial Force from Interface: 6 pounds min.  
 Axial Force from Rear End: 3 pounds min.

**ENVIRONMENTAL(S) :**  
 Temperature Range: -55°C to +165°C  
 Thermal Shock:  
 MIL-STD-202, Method 107, Test Condition B  
 Moisture Resistance:  
 MIL-STD-202, Method 106, Insulation resistance  
 at least 200 MegaOhms within 5 minutes after  
 removal from humidity.  
 Corrosion:  
 MIL-STD-202, Method 101, Test Condition B  
 Vibration:  
 MIL-STD-202, Method 204, Test Condition D  
 Shock:  
 MIL-STD-202, Method 213, Test Condition I

**FINISH(ES) :**  
 Bodies, Center Conductor, & End Cap:  
 Silver plate per QQ-S-365, Type II, Grade A, .000200" min thickness  
 over Copper underplate per Mil-C-14550, Class 4, .000100" min thickness

APPLICABLE CARLISLE IT DOCUMENTS		
WORK STANDARD	PROD INSTRUC	ASSY INSTRUC
NA	NA	NA

**TOLERANCES AND NOTES**  
 EXCEPT AS NOTED  
 DIMENSIONS ARE IN INCHES.  
 LINEAR .XX ± .015 ANGLUAR ± 1/2°  
 FRACTION ± 1/32  
 1. MACHINE FINISH:  $\sqrt{RMS}$   
 2. BREAK ALL SHARP EDGES .005 MAX.  
 3. MACHINED FILLETS .005 MAX.  
 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.  
 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.R.  
 6. DIMENSIONS TO BE MET BEFORE PLATING.  
 7. CHAMFER ALL THREADS 45°.  
 8. THREADS PER H-28  
 9. REMOVE FRAVED EDGES ON TEFLON.  
 10. REMOVE ALL BURRS.

MATERIAL		SPECIFICATION		PROCUREMENT	
APPROVAL INITIALS	DATE	CARLISLE		Interconnect Technologies	
DRAWN BY HN	09.18.12	Cerritos, CA 90703			
CHECKED BY	-	TITLE			
TEST ENGR	-	XMP™ MALE HIGH POWER PUSH ON			
QUALITY	-	MITTER R/A TO DF218 FLEX CABLE			
DESIGN ENGR HT	12.10.13	SCALE	2:1	SHEET	1 OF 1
MFG. ENGR	-	SIZE	C	DRAWING NO.	HP702-0-2CC
ECO APPRV	-				

APPROVAL INITIALS	DATE	SPECIFICATION		PROCUREMENT	
DRAWN BY HN	09.18.12	CARLISLE		Interconnect Technologies	
CHECKED BY	-	Cerritos, CA 90703			
TEST ENGR	-	TITLE			
QUALITY	-	XMP™ MALE HIGH POWER PUSH ON			
DESIGN ENGR HT	12.10.13	SCALE	2:1	SHEET	1 OF 1
MFG. ENGR	-	SIZE	C	DRAWING NO.	HP702-0-2CC
ECO APPRV	-				