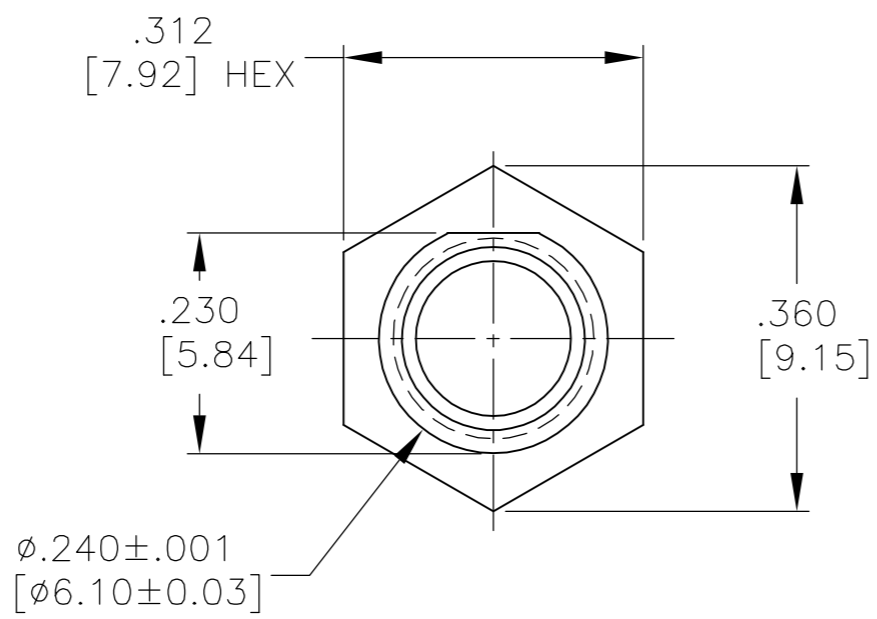


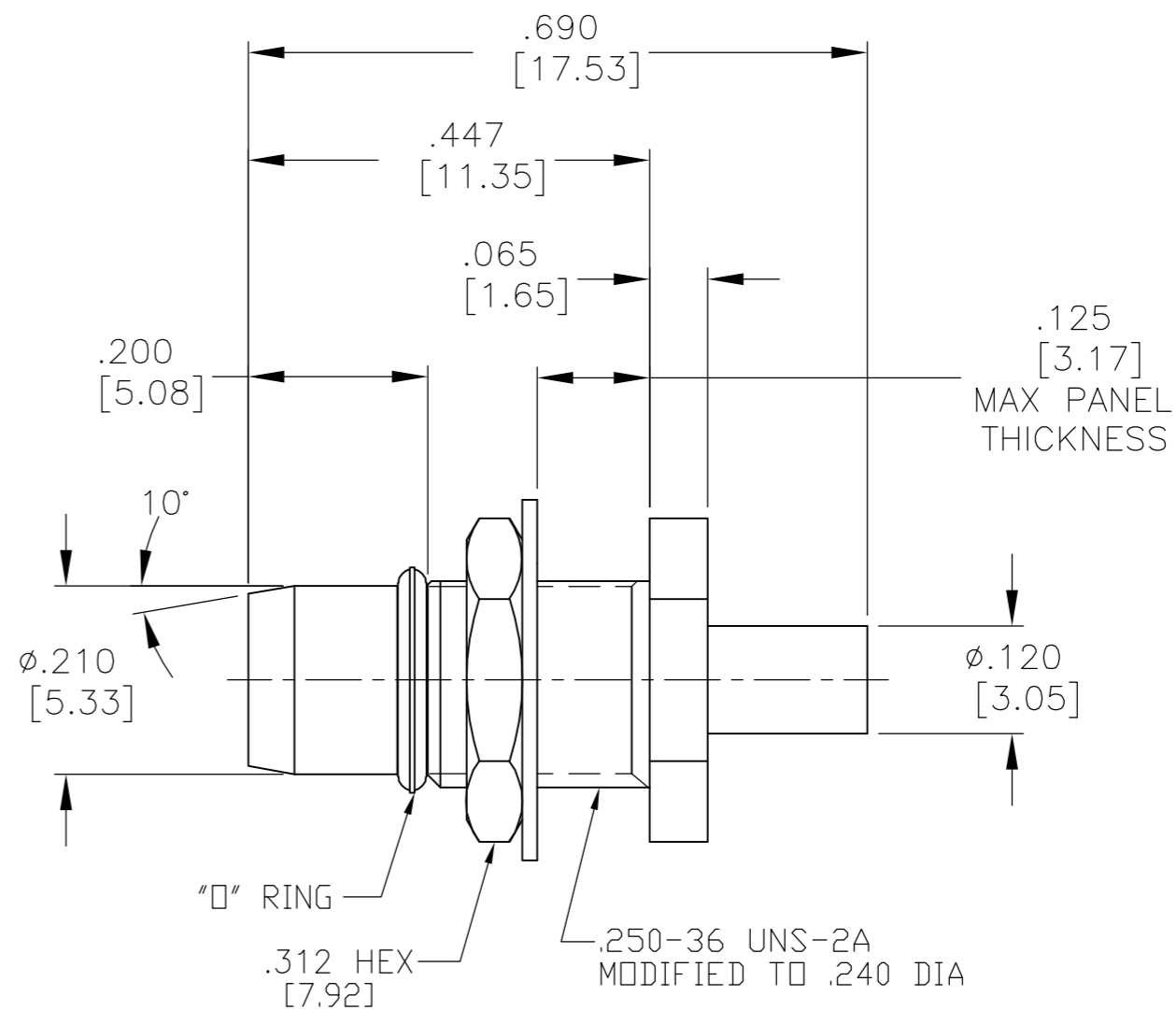
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD				
DF	X0			A		REV PER OH14-0138-04	2-04	CT	RG

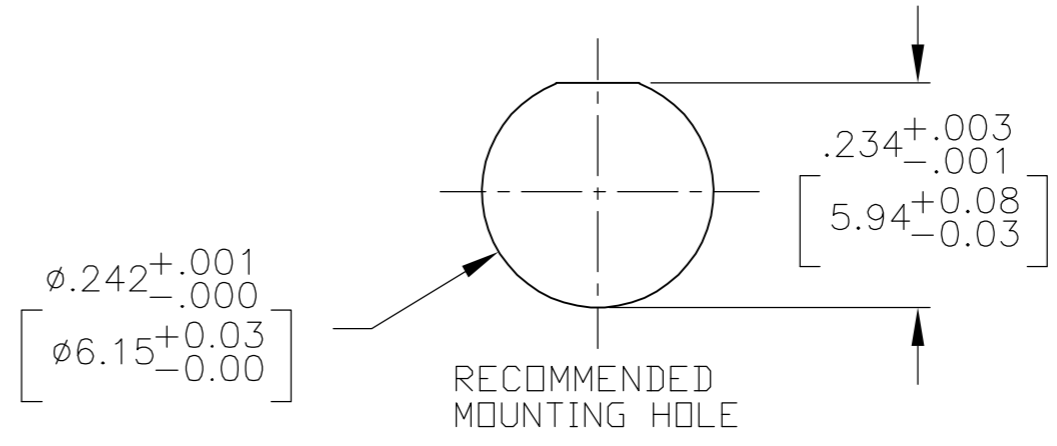
COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
O-RING	NITRILE (BUNA-N) PER MIL-P-25732	N/A



VIEW SHOWN WITHOUT
COUPLING NUT & WASHER



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) 50 ± 1	Interface Dimensions Per MIL-STD-348A Fig. 321.1	TEMPERATURE RATING -65° TO $+125^{\circ}$ C
Frequency Range (GHz) DC to 22	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR $1.05 + .005f(\text{GHz})$ DC to 18 GHz	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B
$1.05 + .009f(\text{GHz})$ DC to 22 GHz	Force to Engage (In-Lbs MAX) N/A & Disengage (In-Lbs MAX) N/A	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) $.03x\sqrt{f(\text{GHz})}$	Center Contact Captivation Axial (Lbs) 6	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) $-[90-f(\text{GHz})]$	Cable Retention Axial Force (Lbs MIN) 30	
Corona, 70,000 Ft (VRMS MIN) 335	Torque (In-Oz MIN) 16	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Weight (Grams) 2.7	
Contact Resistance (Milliohms MAX) Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		



1757046-1
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 16FEB04	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES [mm]		CHK R.GROSS 2-16-04		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R.GROSS 2-16-04	NAME OSP BULKHEAD FEED-THRU CABLE PLUG, DIRECT SOLDER ATTACHMENT	
DESIGNED FOR USE WITH $\phi .085$ [2.16] SEMI-RIGID CABLE		PRODUCT SPEC	APPLICATION SPEC	
CABLE ENTRY DIAMETER MINIMUM		408-8265	SIZE A2	CAGE CODE 00779
HOUSING .089 [2.26]	MATERIAL SEE TABLE	WEIGHT 2.7 Grams	DRAWING NO. 1757046	
CONTACT .0215 [0.546]	FINISH SEE TABLE	CUSTOMER DRAWING	RESTRICTED TO	
		SCALE 5:1	SHEET 1 OF 1	REV A