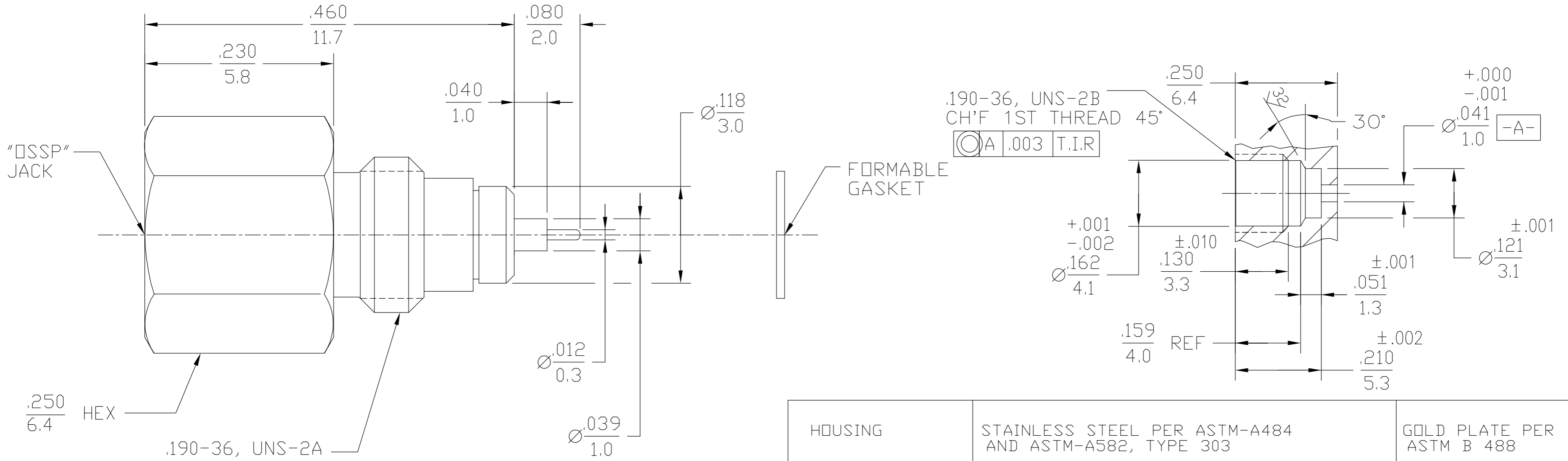


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AJ	00	A1	REV PER ECO 06-027745	1/23/2007	DW	JH	



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions PER <u>TYCO CATALOG</u>	TEMPERATURE RATING <u>-65° TO +125°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>12-15 IN-LBS</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Force to Engage and Disengage (In-Lbs MAX) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.06 + .01f(GHz)</u>		Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +125°C
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>		Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[85-f(GHz)]</u>		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>N/A</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>10.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>667</u>		
I.R.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM B 488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM B 488
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER ASTM B 488
CONTACT EXT BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER ASTM B 488
GASKET	SOFT COPPER, ALLOY 110 PER ASTM-B-152 OR ASTM-B-370, OR EQUIVALENT	GOLD PLATE PER ASTM B 488
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC.	DEC.	ANGLES
± 1/64	±.005	± 1°

These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.

.XXX = in
 XX.X = mm (REF)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.Y 9-30-87	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK L.R 10-6-87	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD BAR 10-6-87	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC	
MATERIAL SEE TABLE	FINISH SEE TABLE	APPLICATION SPEC	NAME
		WEIGHT -	OSSP HERMETICALLY SEALED PANEL FEEDTHRU JACK RECEPTACLE STRAIGHT TERMINAL (4758-5014-00)
		CUSTOMER DRAWING	SIZE A2 CAGE CODE 00779 DRAWING NO C=1059912 RESTRICTED TO -
		SCALE 8:1 SHEET 1 of 1 REV A1	