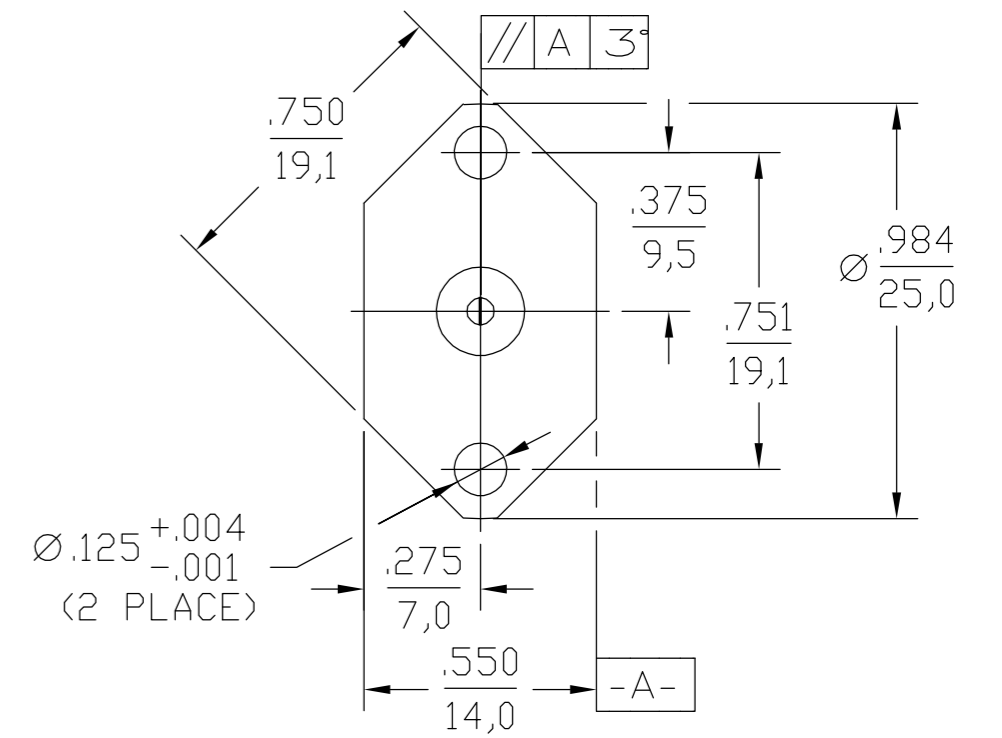
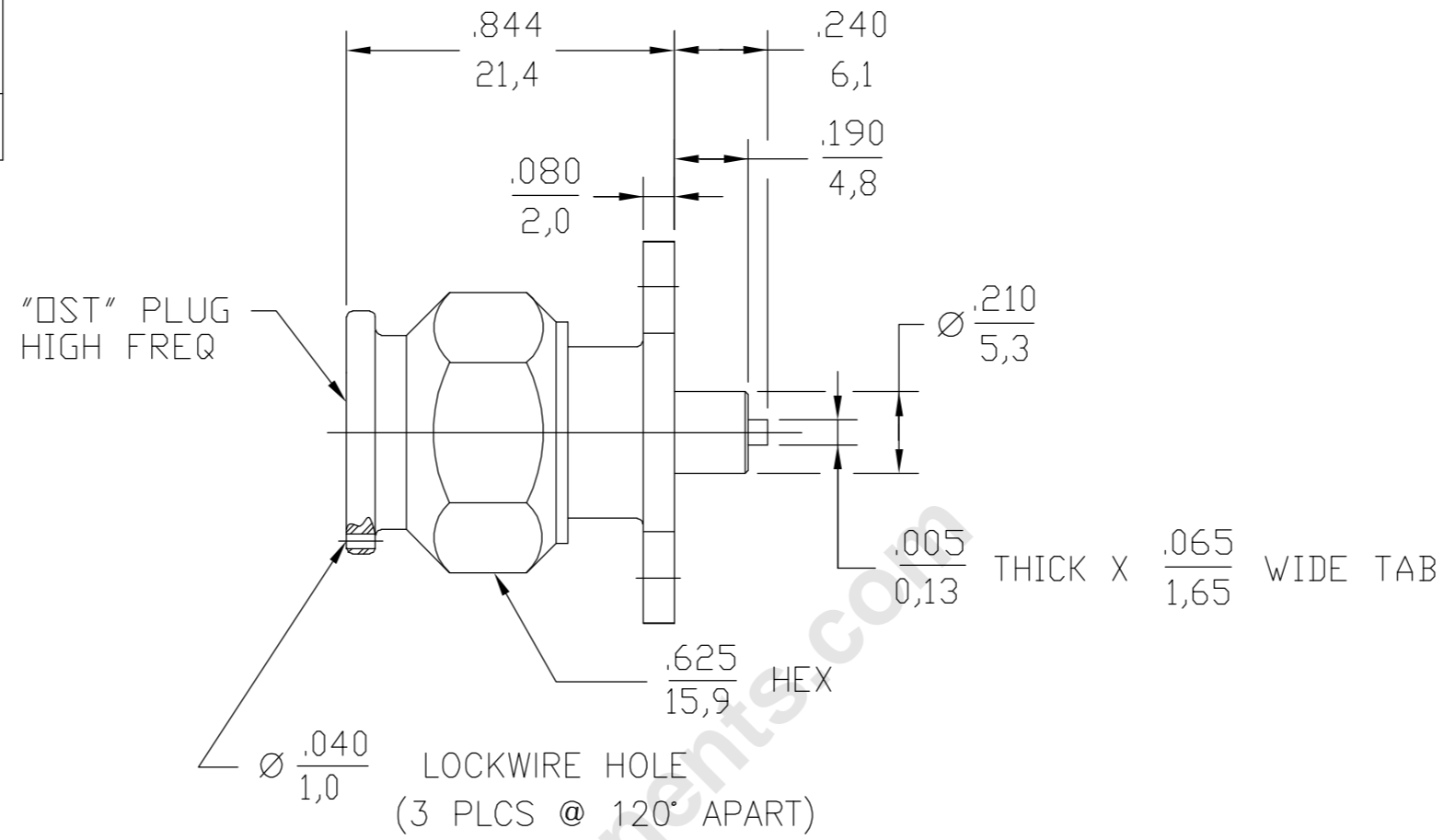


COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER AMS 2700
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

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DESIGN CONTROL REQUIRED

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions SCD # 1023400P Fig. 2	TEMPERATURE RATING <u>-65 TO +125°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>12-15 In-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.09+0.009f(GHz)</u>	Withdrawal (MIN Oz) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106. Insulation resistance shall be at least 200 Meg Ohms within 5 minutes of removal from humidity.
Insertion Loss (dB MAX) <u>.06 @ 1.0-1.2 GHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>60 @ 1.0 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>4.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

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

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X5	B	REV PER ECO-06-006740	23MAR06	PY WM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 22MAR06	Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: INCHES		CHK W. MOYER 23MAR06			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. MOYER 23MAR06	NAME OST 18 GHz 2 HOLE FLANGE MOUNT PLUG RECEPTACLE - TAB TERMINAL		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		PRODUCT SPEC - APPLICATION SPEC -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1329537
MATERIAL -		WEIGHT -	RESTRICTED TO -	SCALE 1:1	
		CUSTOMER DRAWING		SHEET 1 OF 1	REV B

1329537-1
PART NO.