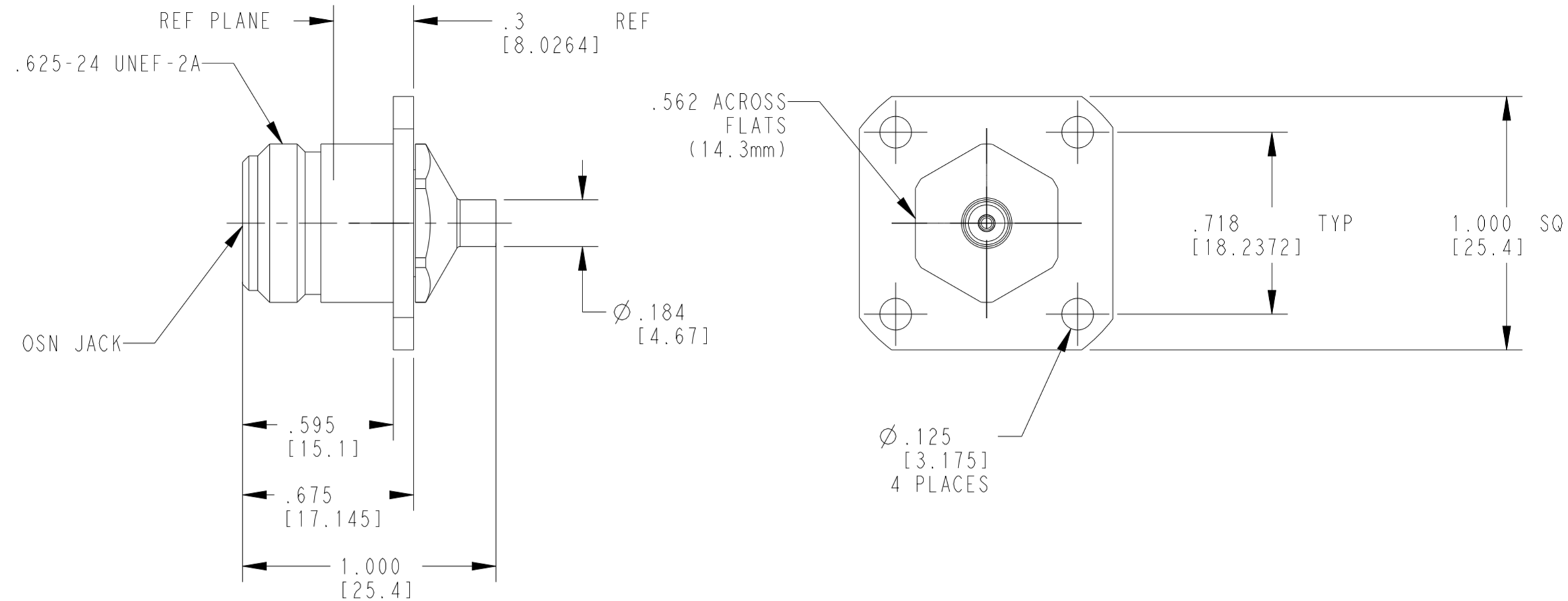


WARNING - THIS DOCUMENT CONTAINS TECHNOLOGY WHOSE EXPORT IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS ("EAR") PURSUANT TO 15 C.F.R. PARTS 730-774. VIOLATIONS OF THE EAR ARE SUBJECT TO SEVERE CRIMINAL PENALTIES UNDER THE EXPORT CONTROL REFORM ACT, AS AMENDED (TITLE 50, U.S.C., SEC. 4801, ET SEQ.).

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	A	-	-	-	-		
	B	ECO-09-008295	28MAY2009	AEG	JKO		
	C	REVISED PER ECN-23-227843	24AUG2023	LP	PD		
HOUSING		.142					
CONTACT		.040					



USE ASS'Y PROCEDURE
408-04884
NO. A.P. (30-073)

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u> Frequency Range (Ghz) <u>DC to 10</u>	Interface Dimensions MIL-STD-348A, Fig. <u>304-2</u>	TEMPERATURE RATING <u>-55°C TO 125°C</u>
Volt Rating (VRMS MAX) @ Sea Level <u>1000</u>	Recommended Mating Torque <u>12 TO 15 in/lbs</u>	Vibration MIL-STD-202, Method 204, Condition B
VSWR <u>1.07 + .007 X f(GHz)</u> Insertion Loss (dB MAX) <u>.05</u> $.05\sqrt{f(\text{GHz})}$	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> Withdrawal (MIN Oz) <u>1.0</u>	Shock MIL-STD-202, Method 213, Condition 1
RF Leakage (dB MIN @ 2-3 Ghz) <u>-90</u>	Force to Engage and Disengage (in-Lbs MAX) <u>3.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXPECT HIGH TEMP 115 C
Corona, 70,000 ft (VRMS MIN) <u>750</u>	Center Contact Captivation Axial Force (Lbs) <u>N/A</u> Torque (In-Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Step 7b (Vibration) Shall be omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>3000</u>	Cable Retention Axial Force (Lbs) <u>60 min</u> Torque (In-Oz) <u>55 min</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>.05</u>	Weight (Grams) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 Mhz) <u>2500</u>		
I.R. (Megohms MIN) <u>5000</u>		

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

COMPONENT	MATERIAL	FINISH
JACKING HOUSING	STAINLESS STEEL PER ASTM-A484, AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
HOUSING CABLE ENTRY	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN <u>S. TAYLOR</u> 08JUN2023	TE Connectivity	
DIMENSIONS: INCHES		CHK <u>J. A. BAKER</u> 26JUN2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD <u>P. D'AMATO</u> 24AUG2023		
0 PLC ± 1 PLC ± 2 PLC ±.005 3 PLC ± 4 PLC ± ANGLES ±1° FINISH -		NAME <u>OSN FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT</u> PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		
MATERIAL -		SIZE <u>A2</u> CAGE CODE <u>00779</u> DRAWING NO <u>C-1057176</u> RESTRICTED TO -	SCALE 2:1 SHEET 1 OF 1 REV C	