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C

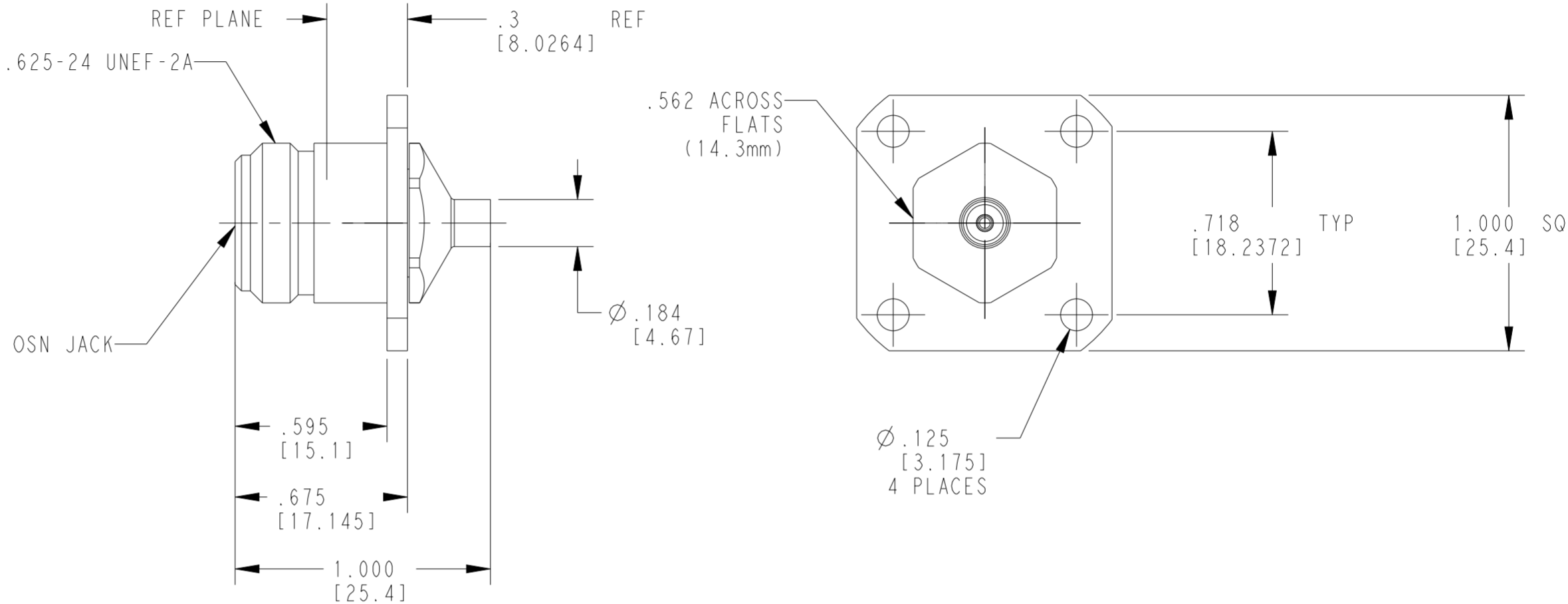
B

A

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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
CABLE ENTRY DIAMETER MINIMUM DESIGNED FOR USE WITH RG 402/U (.141) CABLE				A	-	-	-	-
				B	ECO-09-008295	28MAY2009	AEG	JKO
				C	REVISED PER ECN-23-227843	24AUG2023	LP	PD
HOUSING		.142						
CONTACT		.040						



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

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

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
COMPONENT	MATERIAL	FINISH

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