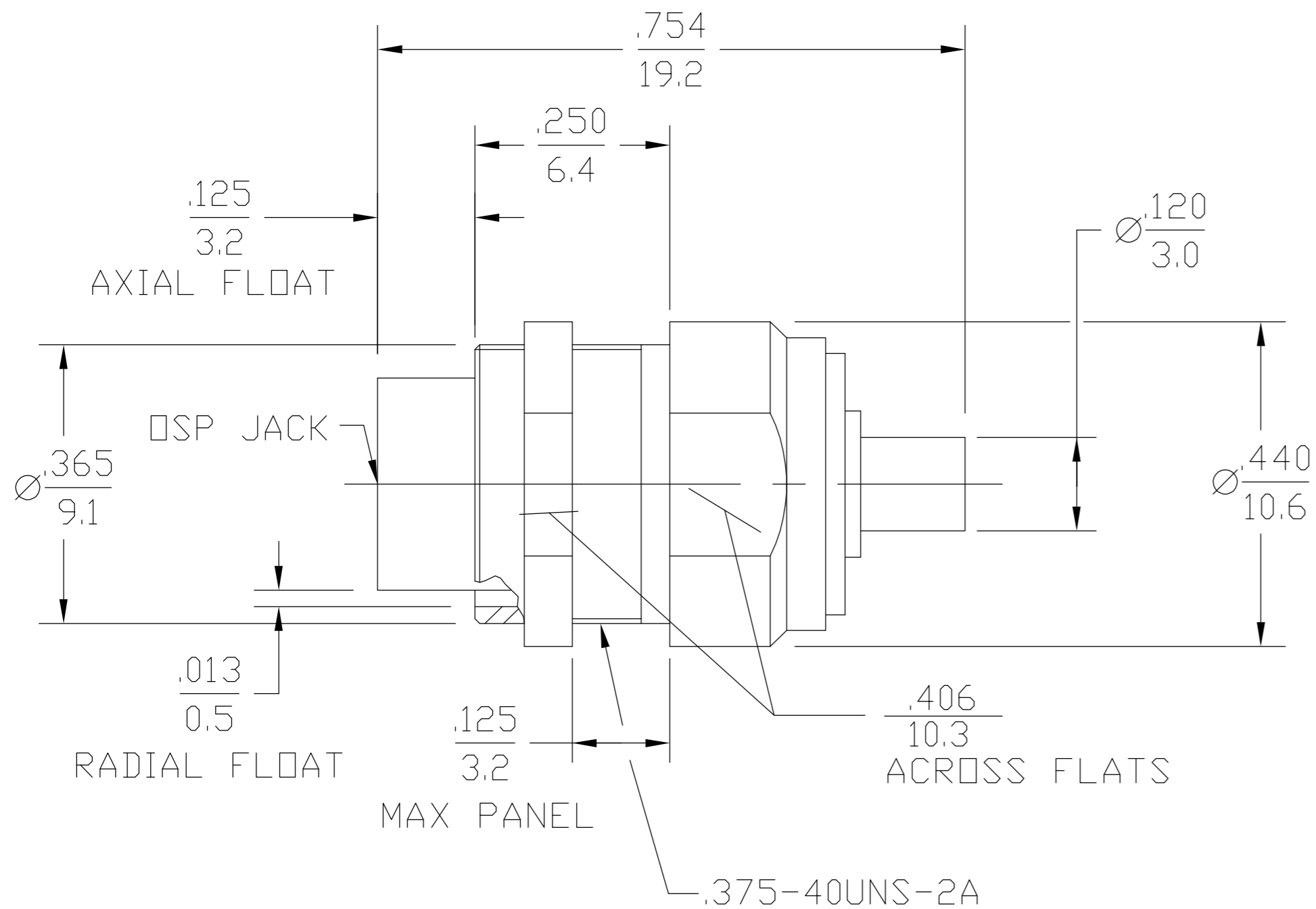


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DESIGNED FOR USE WITH .085 S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
INNER HOUSING	.089
CONTACT	.021

REVISIONS			
P	LTR	DESCRIPTION	DATE
0		RELEASED PER OS14-0068-05.	23MAR2005
			DWN APVD
			JGH JGH



OUTER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
MOUNTING NUT		
WASHER		
SPRING	MUSIC WIRE	ZINC PLATE PER ASTM B
INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-56204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-56204
CONTACT RING		
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD FLASH PER MIL-G-56204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290
SPRING WASHER		
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions PER OMNI SPECTRA CATALOG	TEMPERATURE RATING -55° TO +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x √f(GHz)	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 335	Axial (Lbs) 6	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) 30	
Center Contact 2.0	Torque (In-Oz MIN) 16	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23MAR2005 J. HAVENER	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: INCHES / mm		CHK 23MAR2005 J. HAVENER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 23MAR2005 J. HAVENER	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 / 0.13 4 PLC ± - 1° ANGLES ± 1° FINISH SEE TABLE		PRODUCT SPEC APPLICATION SPEC 408-4596 WEIGHT - CUSTOMER DRAWING	
MATERIAL SEE TABLE		NAME OSP FLOATING BULKHEAD FEETHRU CABLE JACK DIRECT SOLDER ATTACHMENT (4522-5031-02)	SIZE A2 CAGE CODE 00779 DRAWING NO C=6059503 RESTRICTED TO - SCALE 6:1 SHEET 1 OF 1 REV 0