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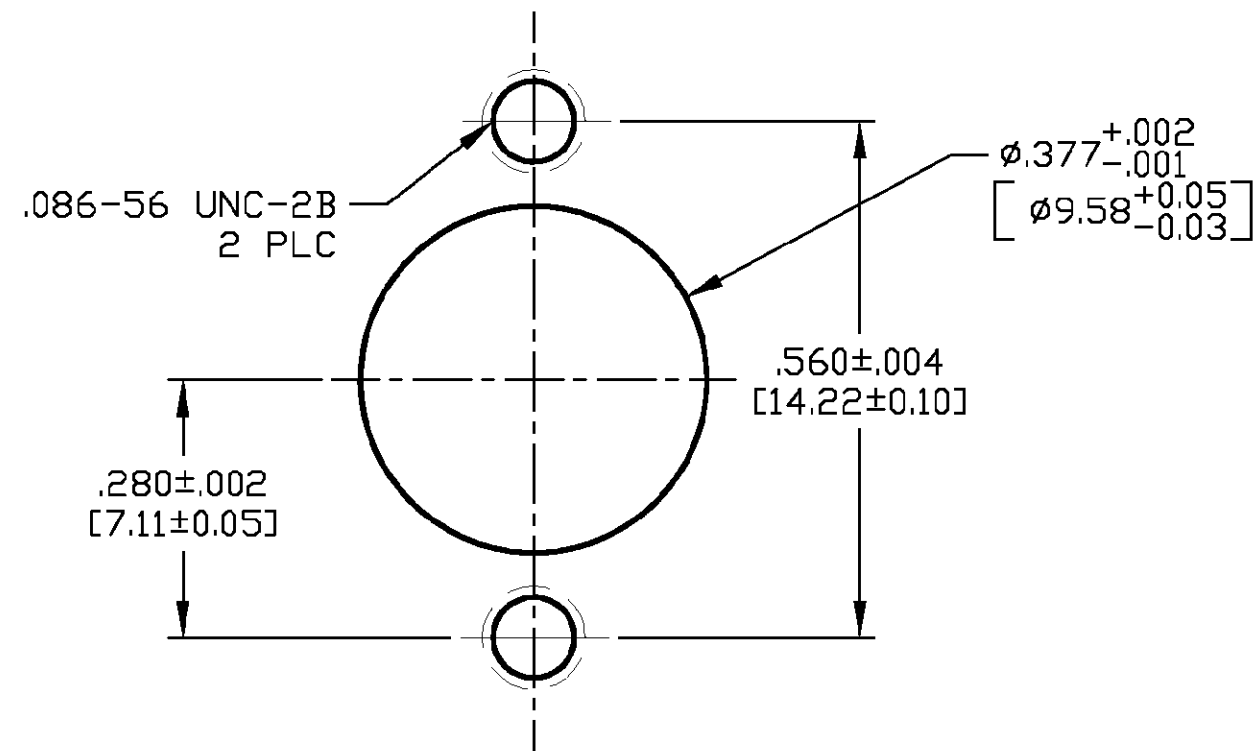
LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			0	RELEASED	6-02	CT	RG

COMPONENT	MATERIAL	FINISH
INNER HOUSING BUSHING —	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 OVER NICKEL PER QQ-N-290
— DIELECTRIC —	PTFE FLUORCARBON PER ASTM-D-1457 —	— — —
— CENTER CONTACT —	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER COPPER PER MIL-C-14550
OUTER HOUSING SPRING WASHER —	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER QQ-P-35 —
— CONTACT SLEEVE —	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER NICKEL PER QQ-N-290
SHIM CONTACT RING —	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488 OVER COPPER PER MIL-C-14550
— RETAINING RING —	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290 OVER COPPER PER MIL-C-14550
— SPRING WASHER —	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	— NICKEL PLATE PER QQ-N-290

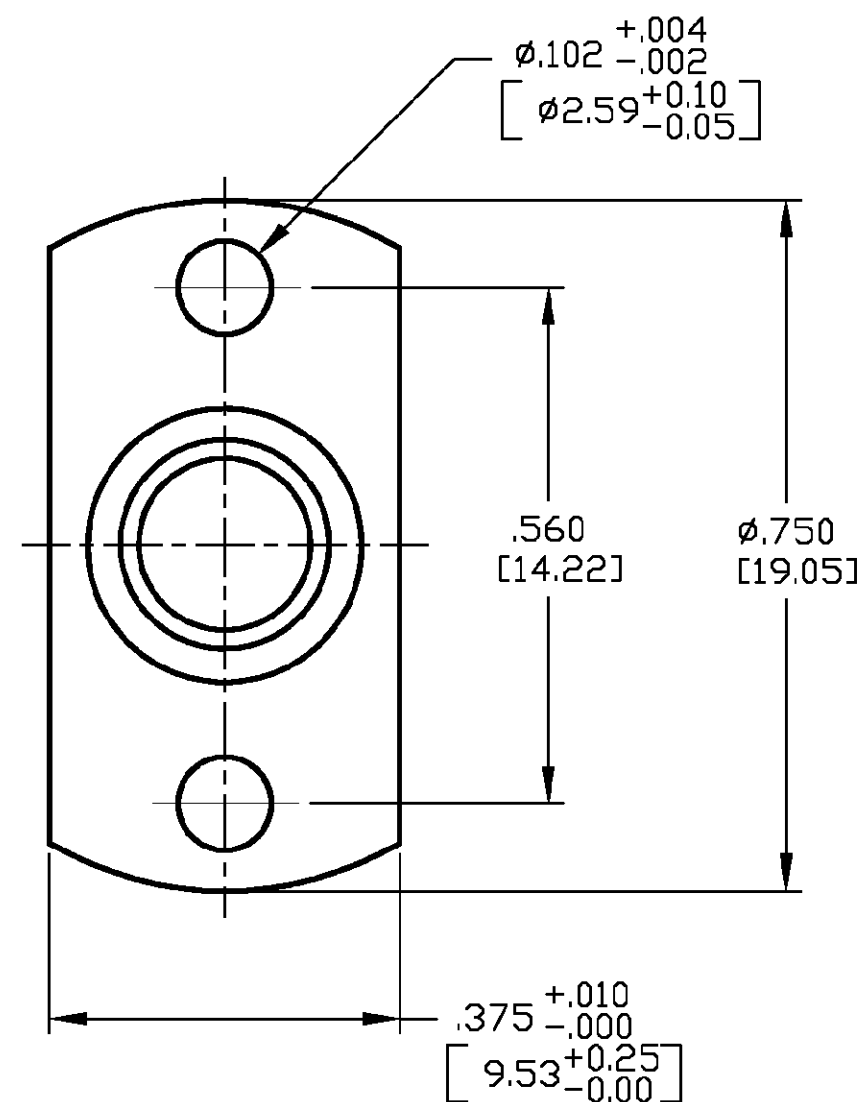
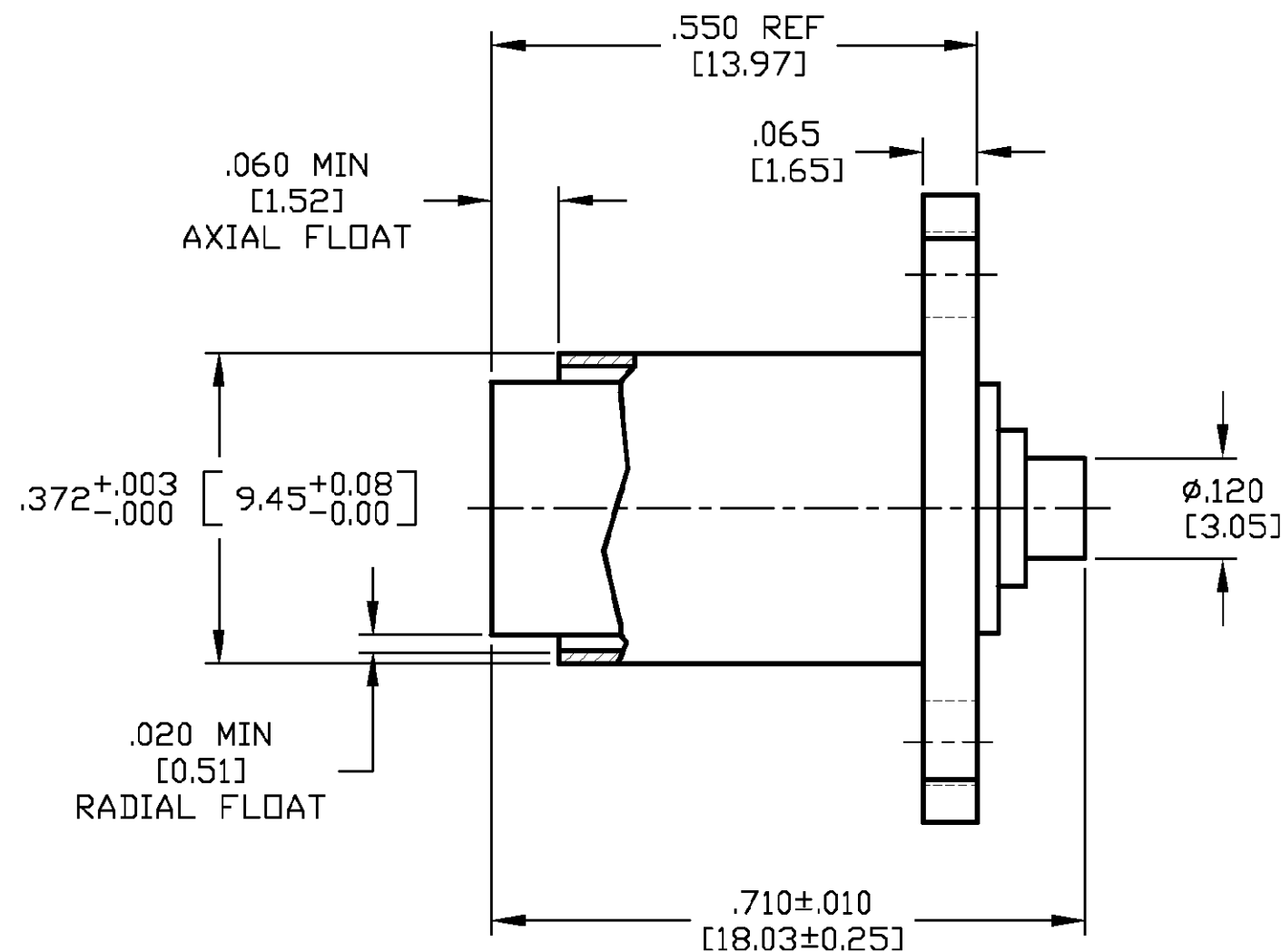
ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +125°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B

MECHANICAL		
INTERFACE DIMENSIONS: DESC SPEC. 85071		—
RECOMMENDED MATING TORQUE: N/A		
FORCE TO ENGAGE: 3 In-Lbs MAX; DISENGAGE: 1.5 In-Lbs MAX		
WEIGHT (GRAMS): 5.4		
MATING CHARACTERISTICS:	INSERTION (MAX LBS)	3.0
	WITHDRAWAL (MIN OZ):	1.0
CABLE RETENTION:	AXIAL FORCE (LBS)	30
	TORQUE (IN-OZ):	16
CENTER CONTACT CAPTIVATION:	AXIAL (LBS):	6.0
	RADIAL (IN-OZ):	N/A

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 22
VOLT RATING @ SEA LEVEL (VRMS MAX):	450
VSWR:	1.05+.005f(GHz) DC TO 18 GHz; 1.05+.009f(GHz) 18 TO 22 GHz
INSERTION LOSS: (dB MAX):	.03 x $\sqrt{f(\text{GHz})}$
RF LEAKAGE (dB MIN):	-[90-f(GHz)]
CORONA 70,000 FT (VRMS MIN):	335
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	1,000
I.R. (MEGOHMS MIN):	5,000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	670
CONTACT RESISTANCE (MILLIOHMS MAX):	
	CENTER CONTACT: 2.0
	OUTER CONTACT: 2.0
	CABLE TO HOUSING: 0.5



RECOMMENDED MOUNTING



1 CAPTURED CENTER CONTACT.

DESIGNED TO USE	
RG 405/U SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.089 [2.26]
CONTACT:	.021 [0.53]
CLAMP NUT:	N/A
COLLAR:	N/A
REAR DIE:	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES [mm]	
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± .005 [0.13]
	4 PLC ± -
	ANGLES ± -
MATERIAL	FINISH
SEE TABLE	SEE TABLE

DWN	6-18-02
C.C.THOMAS	
CHK	6-20-02
R.GROSS	
APVD	6-20-02
R.GROSS	
PRODUCT SPEC	
—	
APPLICATION SPEC	
45-008	
WEIGHT	5.4 Grams
CUSTOMER DRAWING	

		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
NAME OSP FLOATING FLANGE MOUNT CABLE JACK, DIRECT SOLDER ATTACHMENT, RF			
SIZE A2	CAGE CODE 00779	DRAWING NO C-1484957	RESTRICTED TO —
SCALE 5:1		SHEET 1 OF 1	REV 0

AMP 1471-9 REV 31MAR2000

MA/COM#: 4506-5041-02

Mouser Electronics

Authorized Distributor

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