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LOC	DIST
DF	XO

REVISIONS

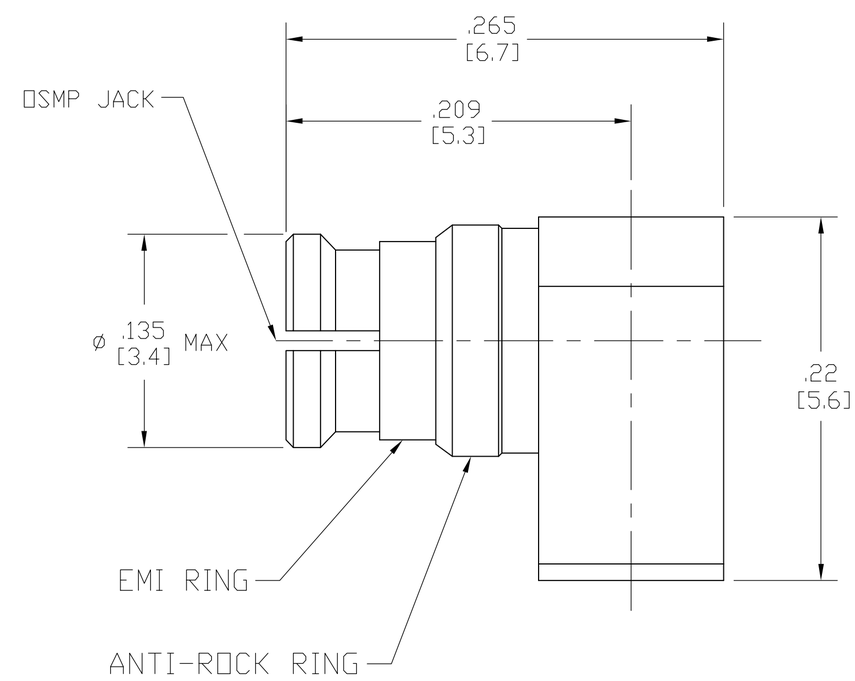
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO-05-002572	05-05	AA	WM

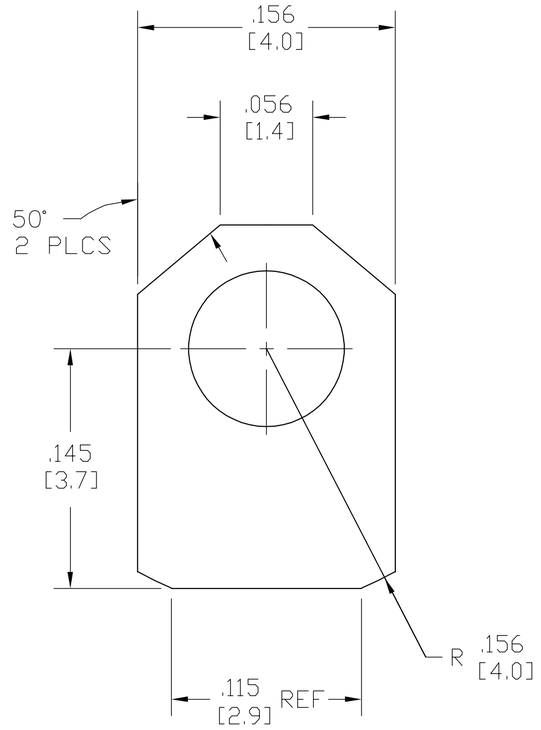
COMPONENT	MATERIAL	FINISH
HOUSING – –	BERYLLIUM COPPER PER ASTM-B-196 , ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488 –
– DIELECTRIC –	TFE FLUORCARBON PER ASTM-D-1457 –	– – –
CENTER CONTACT CONTACT FINGER –	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488 –
ANTI-ROCK RING EMI RING –	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. H	GOLD PLATED PER ASTM-B-488 –
CAP – –	BRASS PER ASTM-B-16 – –	GOLD PLATE PER ASTM-B-488 –
– – –	– – –	– – –
– – –	– – –	– – –
– – –	– – –	– – –

ENVIRONMENTAL
TEMPERATURE RATING: –65°C TO +165°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B –

MECHANICAL		
INTERFACE DIMENSIONS: MIL-STD-348A, FIGURE 326-1A		
FORCE TO ENGAGE (LBS MAX): 15		
FORCE TO DISENGAGE (IN-LBS MIN:) 5.0		
WEIGHT (GRAMS): TBD		
MATING CHARACTERISTICS:	INSERTION (MAX LBS) 15.0	
	WITHDRAWAL (MIN LBS): 5.0	
CABLE RETENTION:	AXIAL FORCE (LBS) 20 MIN	
	TORQUE (IN-OZ): –	
CENTER CONTACT RETENTION: LBS MIN: 1.5		
DURABILITY: 100 CYCLES		

ELECTRICAL	
NORMAL IMPEDANCE (OHMS): 50	
FREQUENCE RANGE (GHz): DC TO 26.5	
VOLT RATING @ SEA LEVEL (VRMS MAX): 335	
VSWR: 1.35 max @ 26.5 GHz	
INSERTION LOSS: (dB MAX): .12 $\sqrt{\ }$ f(GHz) dB MIN	
RF LEAKAGE (dB MIN): –80 @ 3 GHz	
CORONA 70,000 FT (VRMS MIN): 190	
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	500
I.R. (MEGOHMS MIN): 5000	
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	325
CONTACT RESISTANCE (MILLIOHMS MAX):	
CENTER CONTACT:	6.0
OUTER CONTACT:	2.0
CABLE TO HOUSING:	0.5





DESIGNED TO USE ø.085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.089 [2.26]
CONTACT:	–
DIELECTRIC:	–
–	–
FERRULE:	–

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005 [0.13]
4 PLC ± –
ANGLES ± 1°

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DWN	26-MAY-05 A.H.ANDERSON
CHK	26-MAY-05 W. MOYER
APVD	26-MAY-05 W. MOYER
PRODUCT SPEC	–
APPLICATION SPEC	408-4740
WEIGHT	–

CUSTOMER DRAWING

MA/COM # 2908-5006-62

1056551-1
PART NO.

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105

NAME
OSMP RIGHT ANGLE CABLE JACK
DIRECT SOLDER ATTACHMENT
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1056551	–

SCALE 15:1 SHEET 1 OF 1 REV B

1056551