

THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
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COMPONENT	MATERIAL	FINISH	
HOUSING COUPLING NUT	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	
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	-	
GASKET	FLUOROCARBON RUBBER PER MIL-R-83248	-	

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 EXCEPT HIGH TEMP SHALL BE 155° C	
MECHANICAL	
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.1 & 310.2	
RECOMMENDED MATING TORQUE: 7-10 IN-LB	
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:) 2.0	
WEIGHT (GRAMS): TBD	
MATING CHARACTERISTICS: INSERTION (MAX LBS): 3.0	
WITHDRAWAL (MIN OZ): 1.0	
COUPLING PROOF TORQUE (IN-LBS MAX) 15	
COUPLING MECHANISM RETENTION FORCE (LBS MIN) 60	
CENTER CONTACT CAPTIVATION: AXIAL (LBS): 6.0	
RADIAL (IN-OZ): 4.0	
ELECTRICAL	
NORMAL IMPEDANCE (OHMS): 50	
FREQUENCY RANGE (GHz): DC TO 18	
VOLT RATING @ SEA LEVEL (VRMS MAX): 335	
VSWR: 1.05+.005f(GHz)	
INSERTION LOSS: (dB MAX): .03 √ f(GHz)	
RF LEAKAGE (dB MIN): [-60-f(GHz)]	
CORONA 70,000 FT (VRMS MIN): 250	
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1,500	
I.R. (MEGOHMS MIN): 5,000	
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670	
CONTACT RESISTANCE (MILLIOHMS MAX):	
CENTER CONTACT: 4.0	
OUTER CONTACT: 2.0	
CABLE TO HOUSING: N/A	

1484533-1	
PART NO.	
THIS DRAWING IS A CONTROLLED DOCUMENT.	
DWN C.C.THOMAS 11-9-01	
CHK R.GROSS 11-9-01	
APVD R.GROSS 11-9-01	
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT -	
CUSTOMER DRAWING	
SCALE 10:1	
SHEET 1 OF 1	
REV A	
TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC ± -	
1 PLC ± -	
2 PLC ± -	
3 PLC ± .005 [0.13]	
4 PLC ± -	
ANGLES ± -	
FINISH	
MATERIAL SEE TABLE	
FINISH SEE TABLE	
DIMENSIONS: INCHES	
RESTRICTED TO -	
SIZE A2	
CAGE CODE 00779	
DRAWING NO C=1484533	
NAME OSM JACT TO OSM PLUG ADAPTER	
Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
1484533-1	
PART NO.	

