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LOC	DIST
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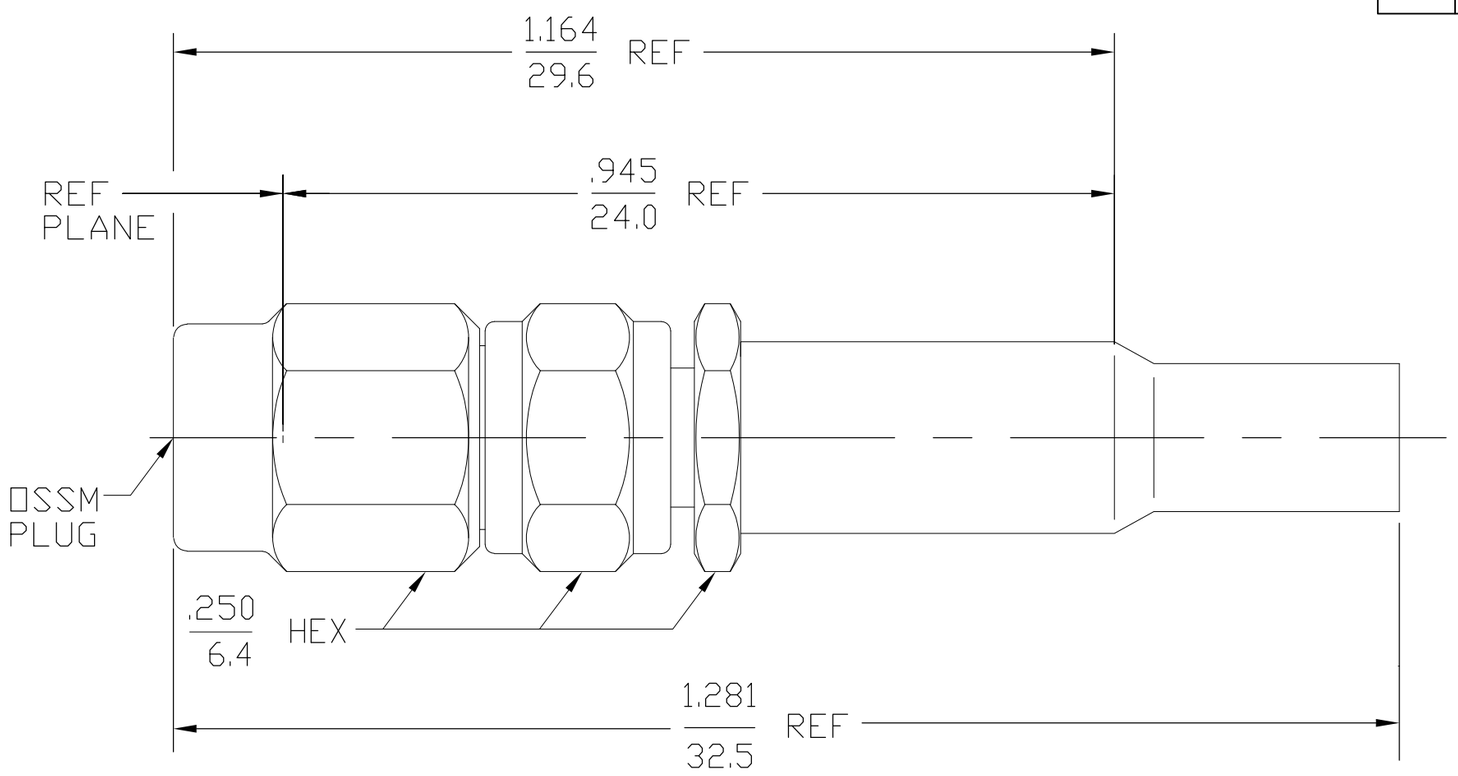
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO 08-018955	19NOV08	PK	DW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 12.4	Fig. 319.1	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D.
@ Sea Level 250	Torque 5 in-lbs	Shock MIL-STD-202, Method 213,
VSWR 1.15 +.02	Mating Characteristics:	Condition I.
Insertion Loss (dB MAX) .06 √f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -60 @ 2-3 GHz	Withdrawal (MIN Oz) N/A	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and	EXCEPT HIGH TEMP +85°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 750	Center Contact Captivation	Method 106
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method
Center Contact 2.0	Radial (In-Oz) N/A	101, Condition B, 5% salt spray
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs MIN) 20.0	
RF High Potential @ Sea Level	Torque (In-Oz) N/A	
(VRMS MIN @ 5 MHz) 500	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

.XXX = in
XX.X = mm

DESIGNED FOR USE WITH RG-188 CABLE OR EQUIV	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.023
DIELECTRIC	.066
SLEEVE	.063
FERRULE	.125

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
INNER SLEEVE	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-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± 1°

MATERIAL -
FINISH -

DWN B.W.	12-11-67
CHK —	12-11-67
APVD D.NANIA	12-12-67
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1045488-1	—

CUSTOMER DRAWING

SCALE	SHEET	REV
6:1	1 OF 1	B