

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	DCN 53994	3/24	SEE PDM

MATERIAL

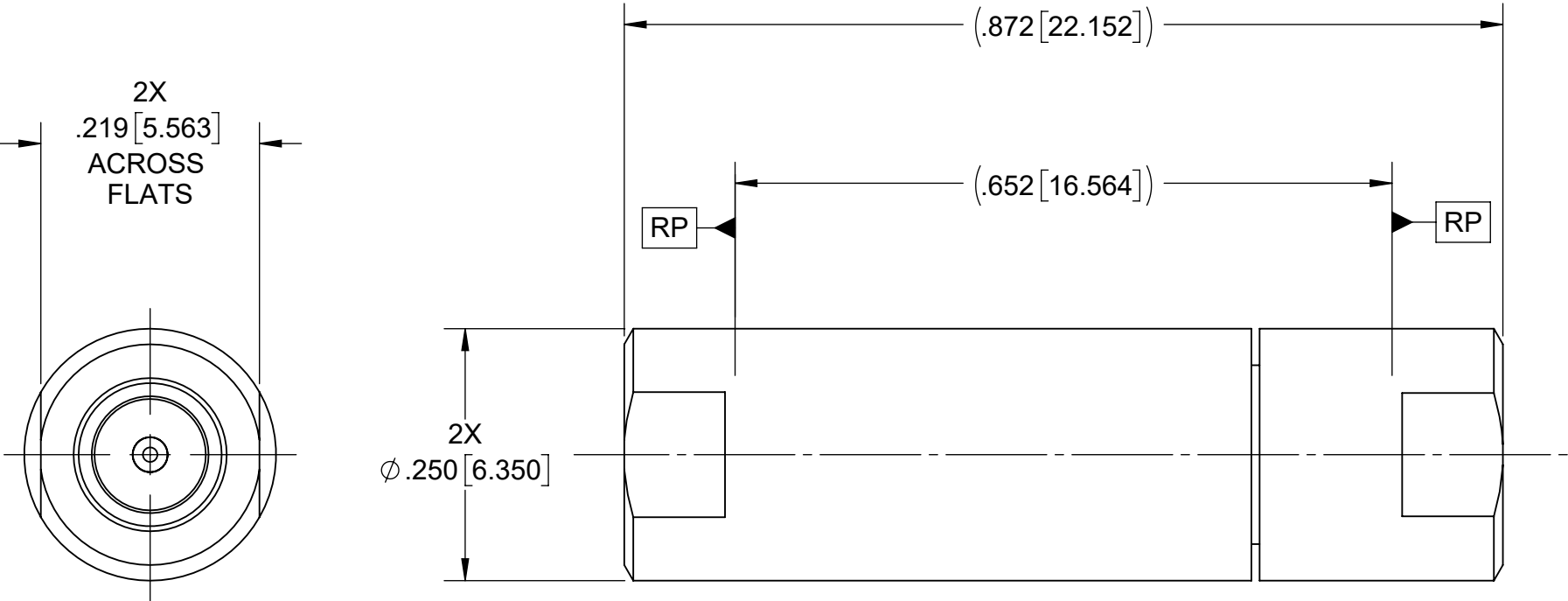
BODIES & INSERTS:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE I
CONTACTS & SLEEVE:	BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300, TD04
BEADS:	ULTEM 1000 PER ASTM D5205
RESISTOR ELEMENT:	ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR GOLD PLATED TERMINALS
BELLOW SPRINGS:	ELECTRO-DEPOSITED GOLD OVER NICKEL

FINISH

BODIES & INSERTS:	PASSIVATED PER AMS-2700
SLEEVE & CONTACTS:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .000050" MIN.

PERFORMANCE

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 40.0 GHz.
VSWR:	1.30:1 MAX, DC TO 26.5 GHz 1.40:1 MAX, 26.5 GHz TO 40.0 GHz
AVG. POWER:	0.5 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO 0.25 WATTS AT 125°C)
PEAK POWER:	100 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)
OUTGASSING:	TML <1.0% CVCN <0.1%



6313-XXX DASH #	DC-26.5 GHz ATTEN. dB	26.5-40.0 GHz ATTEN. dB
-000	0.0 dB +0.5/-0.0	0.0 dB +0.5/-0.0
-005	0.5 dB ± .5	0.5 dB ± .8
-010	1.0 dB ± .5	1.0 dB ± .8
-015	1.5 dB ± .5	1.5 dB ± .8
-020	2.0 dB ± .5	2.0 dB ± .8
-025	2.5 dB ± .5	2.5 dB ± .8
-030	3.0 dB ± .5	3.0 dB ± .8
-035	3.5 dB ± .5	3.5 dB ± .8
-040	4.0 dB ± .5	4.0 dB ± .8
-045	4.5 dB ± .5	4.5 dB ± .8
-050	5.0 dB ± .5	5.0 dB ± .8
-055	5.5 dB ± .5	5.5 dB ± .8
-060	6.0 dB ± .5	6.0 dB ± .8
-065	6.5 dB ± .6	6.5 dB ± .8

6313-XXX DASH #	DC-26.5 GHz ATTEN. dB	26.5-40.0 GHz ATTEN. dB
-070	7.0 dB ± .6	7.0 dB ± .8
-075	7.5 dB ± .6	7.5 dB ± .8
-080	8.0 dB ± .6	8.0 dB ± .8
-085	8.5 dB ± .6	8.5 dB ± .8
-090	9.0 dB ± .6	9.0 dB ± .8
-095	9.5 dB ± .6	9.5 dB ± .8
-100	10.0 dB ± .6	10.0 dB ± .8
-110	11.0 dB ± .6	11.0 dB ± 1.0
-120	12.0 dB ± .6	12.0 dB ± 1.0
-130	13.0 dB ± .6	13.0 dB ± 1.0
-140	14.0 dB ± .6	14.0 dB ± 1.0
-150	15.0 dB ± .6	15.0 dB ± 1.0
-200	20.0 dB ± .6	20.0 dB ± 1.0

- NOTES:
- 0912-6313-000 DOES NOT HAVE A RESISTIVE PATH TO GROUND.

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0'
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