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PRODUCTION RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION	10/5/07	T. KUHN
-	RELEASED		

ELECTRICAL
FREQUENCY RANGE DC-18GHz

ATTENUATION ACCURACY
0-6 dB ±0.30 dB
7-10, 20 dB ±0.50 dB
11-30 dB ±0.75 dB
40 dB ±1.50 dB
50, 60 dB ±2.00 dB

VSWR
DC - 4GHz 1.15:1
4 - 12.4GHz 1.25:1
12.4GHz - 18GHz 1.35:1

INPUT POWER 2 WATTS AVG. @ 25°C

PEAK POWER 500 WATTS

IMPEDANCE 50 OHMS
OPERATING TEMP RANGE -65°C TO +125°C

MECHANICAL
SMA CONNECTORS PASSIVATED STAINLESS STEEL
CONDUCTORS GOLD PLATED BERYLLIUM COPPER
HOUSING PASSIVATED STAINLESS STEEL

SMA PLUG



ø.390 MAX.
(9.9mm)

SMA PLUG

DIM A

ORDERING INFORMATION (WHERE XX = dB)

P/N	dB
2081-6191-XX	0 - 3
2081-6192-XX	4 - 6
2081-6193-XX	7 - 10
2081-6194-XX	11 - 20
2081-6195-XX	30
2081-6196-XX	31 - 60

dB	DIM A	WEIGHT
0-30	1.36 (34.5mm)	.30 oz MAX
31-60	1.92 (48.8mm)	.40 oz MAX

DRAWING PRACTICES PER ANSI-Y-14.5 ML-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	DECIMALS INCH MM
SURFACE FINISH 32 ✓	.X" .03 [.76]
	.XXX" .01 [.25]
	.XXX*" .005 [.127]
	.XXXX" .0005 [.013]
FINISH SEE NOTES	ANGLES ±0°30'
MATERIAL SEE NOTES	REMOVE ALL BURRS/SHARP EDGES WITH BREAK / R OF .005" TO .0005" UNLESS OTHERWISE NOTED

DRAWN T. KUHN	DATE 10/5/07
CHECKED	DATE
ENG.	DATE
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TITLE
SMA ATTENUATOR, M/M,
DC-18GHz, 2 WATT

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 2081-619X-XX
SCALE 4:1	PLATED AREA XXX	SHEET 1 OF 1

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BCSI