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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
CONDUCTORS
HOUSINGPASSIVATED STAINLESS STEEL
GOLD PLATED BERYLLIUM COPPER
PASSIVATED STAINLESS STEELPRODUCTION
RELEASEDRAWING NUMBER
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982

JMS REV

REVISIONS

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

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
MIL-STD-100 & 1000
DIMENSIONS ARE IN INCHES AND
APPLY BEFORE/AFTER PROCESSINGSURFACE
ROUGHNESS

32

FINISH

SEE NOTES

MATERIAL

SEE NOTES

UNLESS OTHERWISE SPECIFIED
TOLERANCES IN

DECIMALS	INCH	MM
.X"	.03	[.76]
.XX"	.01	[.25]
.XXX"	.005	[.127]
.XXXX"	.0005	[.013]

ANGLES ±0°30'

REMOVE ALL BURRS/SHARP EDGES
WITH BREAK / R OF .005" TO .0005"
UNLESS OTHERWISE NOTEDDRAWN
T. KUHN
CHECKED
ENG.
DATE
10/5/07
DATETHESE DRAWINGS AND
SPECIFICATIONS ARE THE PROPERTY
OF XMA CORP. AND SHALL NOT BE
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150 Dow Street, Manchester, NH 03101
P:603-222-2256
F:603-222-2259TITLE
SMA ATTENUATOR, M/M,
DC-18GHz, 2 WATT

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

BCSI