

5

4

3

2

1

ELECTRICAL
FREQUENCY RANGE

DC-18GHz

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

VSWR

DC - 4GHz
4 - 12.4GHz
12.4GHz - 18GHz1.15:1
1.25:1
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

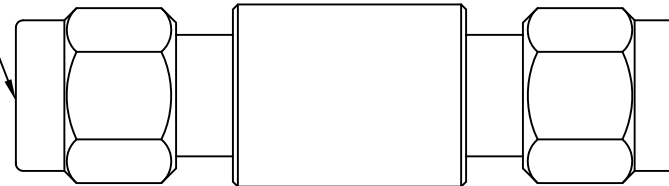
SMA CONNECTORS
CONDUCTORS
HOUSINGPASSIVATED STAINLESS STEEL
GOLD PLATED BERYLLIUM COPPER
PASSIVATED STAINLESS STEELPRODUCTION
RELEASEDRAWING NUMBER
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982

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 PROCESSING
SURFACE
ROUGHNESS
32 ✓FINISH
SEE NOTESMATERIAL
SEE NOTESUNLESS 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
DATE
10/5/07
DATE
ENG.THESE 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	PLATED AREA	SHEET	OF
4:1	XXX	1	1

BCSI