

5

4

3

2

1

ELECTRICAL

FREQUENCY RANGE _____ DC - 26.5 GHz

AMPLITUDE ACCURACY

0 dB	0 TO 0.50 dB
3 - 6dB	±0.5 dB
10 dB	±0.6 dB
20 dB	±0.75 dB
30 dB	±1.25 dB

VSWR

DC - 4 GHz	1.15:1 MAX
4 - 12.4 GHz	1.25:1 MAX
12.4 - 18.0GHz	1.35:1 MAX
18 - 26.5 GHz	1.50:1 MAX

INPUT POWER _____ 2 WATTS AVG. @ 25°C
DERATES LINEARLY TO 5W @ 125°CPEAK POWER _____ 500 WATTS
(5µSec PULSE WIDTH, .10% DUTY CYCLE)

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ 4 KELVIN TO +125°C

MECHANICAL

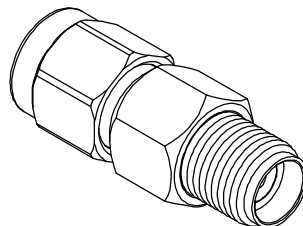
OUTER CONDUCTORS	PASSIVATED STAINLESS STEEL
CENTER CONDUCTORS	GOLD PLATED BERYLLIUM COPPER
INSULATORS	PTFE (TEFLON) IAW ASTM-D1710

RoHS DEVICE

MATERIALS, ENVIRONMENTAL PERFORMANCE & FINISHES COMPLY TO MIL-DTL-3933
CONNECTORS COMPLY WITH MIL-STD-348 FOR MATING OF SMA CONNECTORS

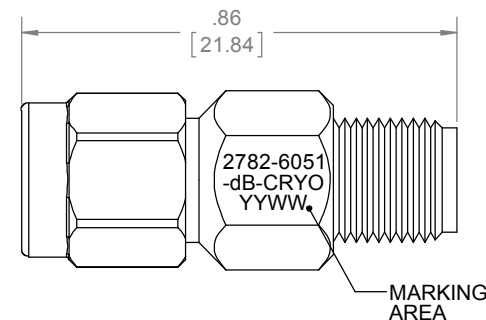
MARKING

PART LOOKS LIKE PRODUCT IMAGE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, READABLE.
REPLACE "dB" WITH APPROPRIATE dB VALUE FROM WORK ORDER.
YYWW EQUALS DATE CODE.

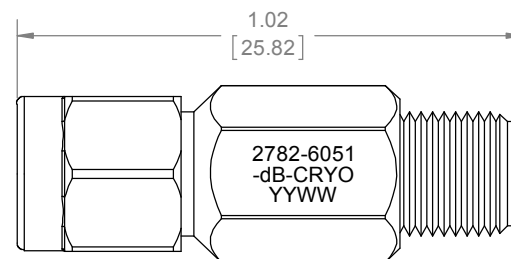


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
C	CHG OPERATING TEMP TO 4 KELVIN	13-261	10/24/13	T.KUHN
D	NEW FORMAT/ADDED MARKING	14-402	12/9/14	T.KUHN

0dB - 12dB



13dB - 30dB



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2782-6051-dB-CRYO	ATTENUATOR, SMA-m/f, DC-26.5GHz, 2W	
1	TA-2782-6051-dBU	ASSY, ATTENUATOR, SMA-m/f, DC-26.5GHz, 2W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5
MIL-STD-100 & 1000DIMENSIONS ARE IN INCHES AND
APPLY BEFORE / AFTER PROCESSING

SURFACE

ROUGHNESS

µINCHES

FINISH:

SEE NOTES

MATERIAL:

SEE NOTES

NOTE:

THIS DRAWING INCORPORATES

THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED

TOLERANCES IN:

DECIMALS INCH [MM]

.X" .05" [1.27]

.XX" .03" [.76]

.XXX" .010" [.25]

ANGLES ±0°30'

REMOVE ALL BURRS/SHARP W/

BREAK / R OF .003" TO .0005"

UNLESS OTHERWISE NOTED

DIAS CONCENTRIC <.003 T.I.R.

DO NOT SCALE PRINT

DRAWN DATE

V.SHELBY 3/28/13

CHECKED DATE

T.KUHN 3/28/13

ENG. APPR. DATE

T.KUHN 3/28/13

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WRITTEN PERMISSION OF XMA CORP.**XMA** NOTED BY
Omni SpectraPhone: 603-222-2256 Fax: 603-222-2259
150 Dow Street, Manchester, NH 03101

TITLE

ATTENUATOR, SMA-m/f, DC-26.5GHz, 2W

SIZE

B

CAGE CODE

3HT76

DRAWING NUMBER

2782-6051-dB-CRYO

REV

D

SCALE

PLATED SQ. IN

SHEET 1 OF 1