

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°C

PEAK POWER _____ 500 WATTS
 (5µSec PULSE WIDTH, .10% DUTY CYCLE)

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -65°C TO +125°C

MECHANICAL

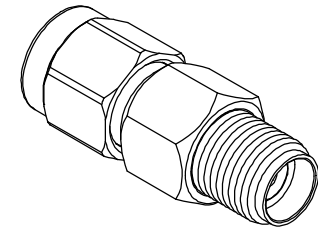
OUTER CONDUCTORS _____ PASSIVATED STAINLESS STEEL
 CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER
 INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710

RoHS DEVICE

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

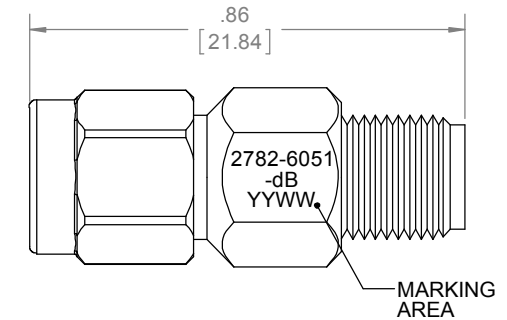
MARKING

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.

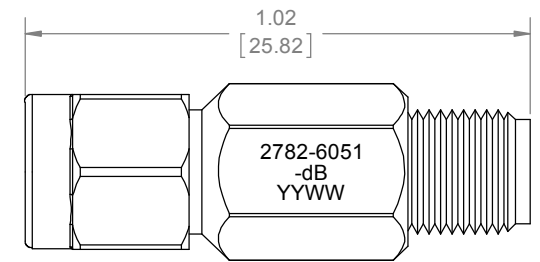


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
B	ADDED 30dB AMPLITUDE	13-141	7/15/13	T.KUHN
C	NEW FORMAT/ADDED MARKING	14-402	12/9/14	T.KUHN

0dB - 12dB



13dB - 30dB



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2782-6051-dB	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 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS μ INCHES	63
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
D.SANDERS	01/01/07
CHECKED	DATE
ENG. APPR.	DATE
D.SANDERS	01/01/07

Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101

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

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2782-6051-dB	C
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

D

D

C

C

B

B

A

A