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ELECTRICAL

FREQUENCY RANGE _____ DC - 26.5 GHz

AMPLITUDE ACCURACY

0 dB _____ 0 TO 0.50 dB
1-6 dB, 8-10 dB, 15 & 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 _____ 4 KELVIN TO +125°C

MECHANICAL

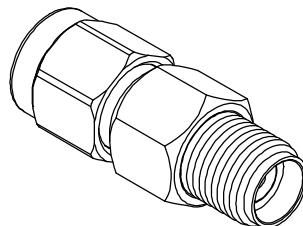
OUTER CONDUCTORS _____ PASSIVATED STAINLESS STEEL
CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER
INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710

RoHS DEVICE

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

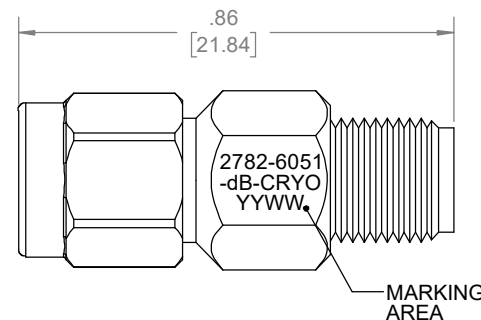
MARKING

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.

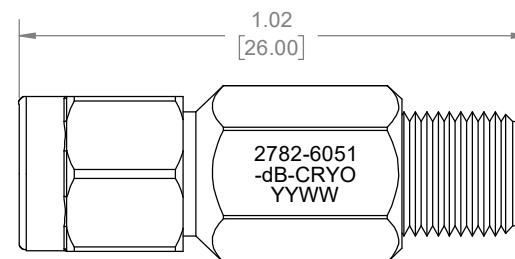


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
C	CHG OPERATING TEMP TO 4 KELVIN	13-261	10/24/13	T.KUHN
D	NEW FORMAT/ADDED MARKING	14-402	12/9/14	T.KUHN
E	REVISED AMPLITUDE ACCURACY	20-116	7/31/20	HIGGINS

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 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS	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
V.SHELBY	3/28/13
CHECKED	DATE
T.KUHN	3/28/13
ENG. APPR.	DATE
T.KUHN	3/28/13

Phone: 603-222-2256 Fax: 603-222-2259
7 Perimeter Road, Manchester, NH 03103

TITLE			
ATTENUATOR, SMA-m/f, DC-26.5GHz, 2W			
SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2782-6051-dB-CRYO	E
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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