

5

4

3

2

1

ELECTRICAL

FREQUENCY RANGE _____ DC - 26 GHz

AMPLITUDE ACCURACY

0 dB _____ 0 TO 0.50 dB
1-10 dB, 15 & 20 dB _____ ±0.75 dB
30 dB _____ ±1.25 dB

VSWR

DC - 6 GHz _____ 1.15:1 MAX
6 - 18 GHz _____ 1.30:1 MAX
18 - 26 GHz _____ 1.40:1 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.
YYWW EQUALS DATE CODE.

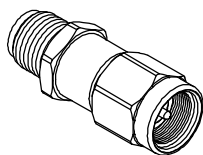


Table with 5 columns: REV, DESCRIPTION, ECO #, DATE, APPROVED. Rows include: INITIAL RELEASE, ADDED MARKING, REVISED VSWR ATTENUATION, INCLUDED 7 dB.

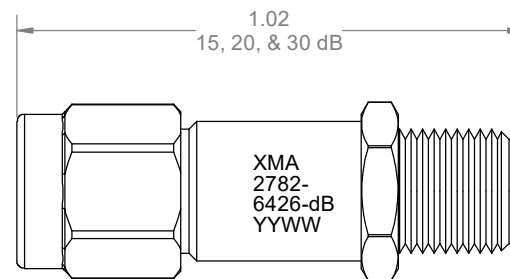
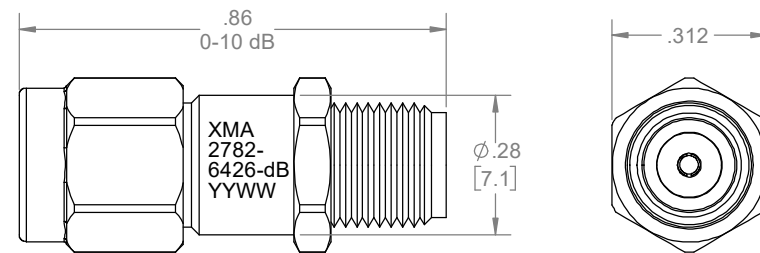


Table with 5 columns: 0 dB QTY., 1-30 dB QTY., PART NUMBER, DESCRIPTION, ITEM NO. Rows include: X, X, 2782-6426-dB, ATTENUATOR, SMA-m/f, DC-26GHz, 2W; -, 1, TA-2782-6400-dBU, ASSY, ATTENUATOR, SMA-m/f, DC-26GHz, 2W, UNMARKED; 1, -, TA-2082-6418-00U, ASSY, ATTENUATOR, SMA-m/f, DC-18 GHz, 2W, UNMARKED.

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING
SURFACE ROUGHNESS µINCHES 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 SAUNDERS DATE 12/20/11
CHECKED T.KUHN DATE 12/20/11
ENG. APPR. SAUNDERS DATE 12/20/11
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.

XMA Omni Spectra logo, phone/fax numbers, title ATTENUATOR, SMA-m/f, DC-26 GHz, 2W, size B, cage code 3HT76, drawing number 2782-6426-dB, sheet 1 of 1.

5

4

3

2

1