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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.

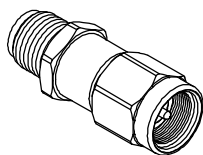


Table with 5 columns: REV, DESCRIPTION, ECO #, DATE, APPROVED. Rows include: INITIAL RELEASE, ADDED MARKING, REVISED VSWR ATTENUATION, INCLUDED 7 dB.

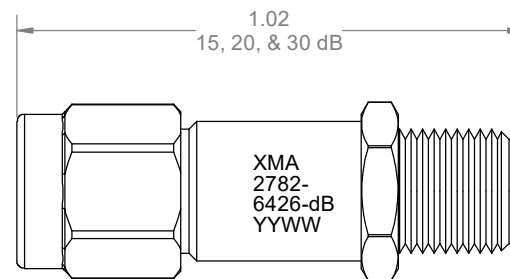
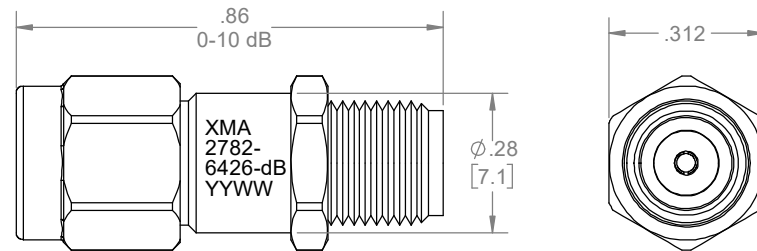


Table with 5 columns: 0 dB QTY., 1-30 dB QTY., PART NUMBER, DESCRIPTION, ITEM NO. Rows include: X X 2782-6426-dB ATTENUATOR, SMA-m/f, DC-26GHz, 2W; - 1 TA-2782-6400-dBU ASSY, ATTENUATOR, SMA-m/f, DC-26GHz, 2W, UNMARKED; 1 - TA-2082-6418-00U ASSY, ATTENUATOR, SMA-m/f, DC-18 GHz, 2W, UNMARKED.

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
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XMA Omni Spectra logo, contact info: Phone: 603-222-2256 Fax: 603-222-2259 7 Perimeter Road, Manchester, NH 03103. TITLE: ATTENUATOR, SMA-m/f, DC-26 GHz, 2W. SIZE B, CAGE CODE 3HT76, DRAWING NUMBER 2782-6426-dB, REV C, SHEET 1 OF 1.

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