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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 \_\_\_\_\_ -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.

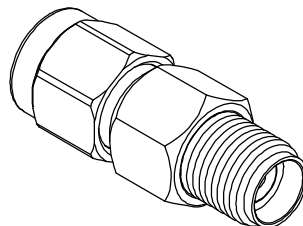
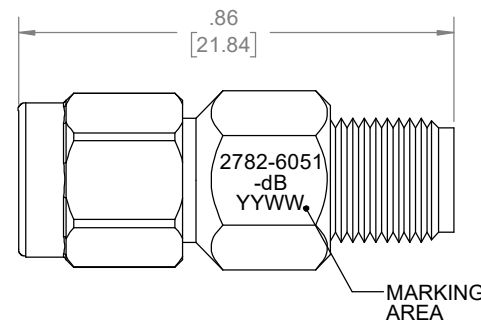


Table with 5 columns: REV, DESCRIPTION, ECO #, DATE, APPROVED. Rows B, C, D.

0dB - 12dB



13dB - 30dB

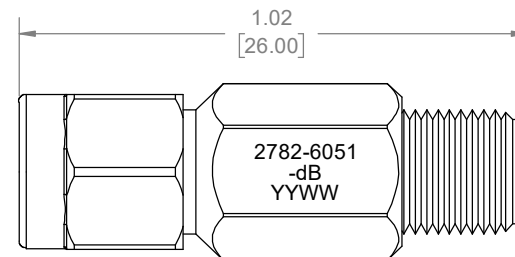


Table with 4 columns: QTY., PART NUMBER, DESCRIPTION, ITEM NO. Rows X, 1.

Table with 2 columns: DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING, SURFACE ROUGHNESS, FINISH: 63, SEE NOTES, MATERIAL: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.

Table with 2 columns: UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH [MM], 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

Table with 2 columns: DRAWN DATE, CHECKED DATE, ENG. APPR. DATE, 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 info, title ATTENUATOR, SMA-m/f, DC-26.5GHz, 2W, size B, cage code 3HT76, drawing number 2782-6051-dB, rev D, scale, sheet 1 of 1.

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