

4 | 3 | 2 | 1

SPECIFICATIONS

FREQ. RANGE: DC TO 26.5 GHz

VSWR(MAX):
 DC - 4 GHz 1.15:1
 4 - 12.4 GHz 1.25:1
 12.4 - 18.0 GHz 1.35:1
 18.0 - 26.5 GHz 1.50:1

AMPLITUDE ACCURACY
 0dB 0 to 0.5dB
 3-6dB ±0.5dB
 10dB ±0.6dB
 20dB ±0.75dB

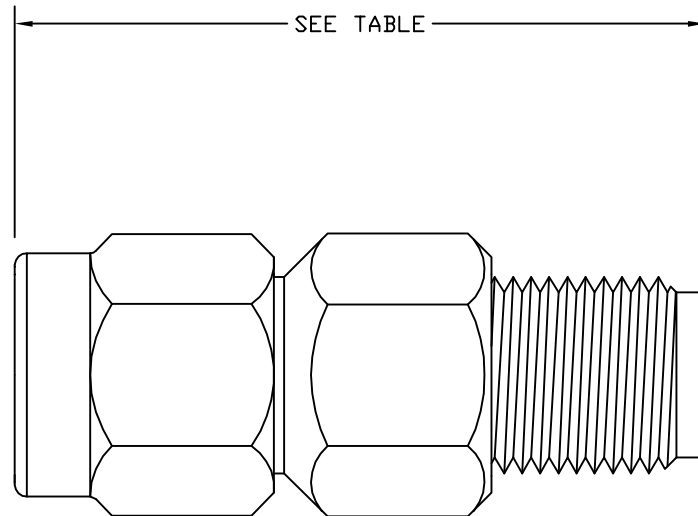
POWER(AVG): 2 WATT @25°C
 DERATES LINEARLY TO .5W @ 125°C
 IMPEDANCE 50 Ohms
 PEAK POWER 500 WATTS MAX
 (5uSec PW, 0.10% DUTY CYCLE)

OPERATING TEMP -65°C TO +125°C

MATERIALS

- CONNECTORS: PASSIVATED STAINLESS STEEL
- CENTER CONDUCTOR: GOLD PLATED BERYLLIUM COPPER
- 00 OUTER CONDUCTOR/NUT GOLD PLATED
- 02 OUTER CONDUCTOR/NUT PASSIVATED SS
- 01 OUTER CONDUCTOR GOLD PLATED, NUT PASSIVATED SS

| | | | | |
|---------------------------|--|-------------|-----------|----------|
| PRODUCTION RELEASE | NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. INTERPRET IN ACCORDANCE WITH ANSI Y14.5-1992 | | REVISIONS | |
| | REV | DESCRIPTION | DATE | APPROVED |
| | - | Released | 11/24/10 | A. Gagne |



| LENGTH TABLE | |
|--------------|--------|
| dB VALUE | LENGTH |
| 0 - 12 | 0.86" |
| 13 - 30 | 1.02" |

| | | | | |
|--|---|--------------------------------------|---|----------------------------|
| DRAWING PRACTICES PER ANSI-Y14.5 MIL-STD-100 & 1000 | UNLESS OTHERWISE SPECIFIED TOLERANCES IN: | DRAWN DATE D. SAUNDERS 01/01/2007 | www.XMACorp.com Sales@XMACorp.com Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101 | |
| DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING | DECIMALS INCH MI .x" .03" [.76] | CHECKED DATE | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNISPECTRA 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. | |
| SURFACE FINISH | .xx" .010" [.25] .xxx" .005 [.127] .xxxx" .0005" [.013] | ENG. DATE D. SAUNDERS 01/01/2007 | SIZE | CAGE CODE |
| ANGLES ±0°30' | REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R. | | SCALE | PLATING AREA SQUARE INCHES |
| FINISH: SEE NOTES | | | 8:1 | XXX |
| MATERIAL: SEE NOTES | | | DWG NO. | SHEET 1 OF 1 |
| | | | 3HT76 | 2782-6051-DB |

4 | 3 | 2 | 1