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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC-18 GHz
 VSWR _____
 INPUT PORT _____ 1.30:1 MAX.
 OUTPUT PORTS _____ < 1.45:1 TYP.
 INPUT POWER _____ 2 WATT AVG. @ 25°C
 _____ DERATED LINEARLY TO 10% @ 125°C
 IMPEDANCE _____ 50 OHMS
 INSERTION LOSS _____ 7.5 dB NOM
 PHASE TRACKING _____ ±3°
 (between output ports)
 AMPLITUDE TRACKING _____ 0.5dB
 (between output ports)
 OPERATING TEMP RANGE _____ -65°C TO +125°C

MECHANICAL


SMA CONNECTORS _____ PASSIVATED STAINLESS STEEL
 CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER
 HOUSING _____ TRI METAL PLATED BRASS

ORDERING INFORMATION

| -XXX | INPUT PORT | OUTPUT PORTS |
|------|------------|--------------|
| -000 | FEMALE | FEMALE |
| -111 | MALE | MALE |
| -100 | MALE | FEMALE |
| -011 | FEMALE | MALE |

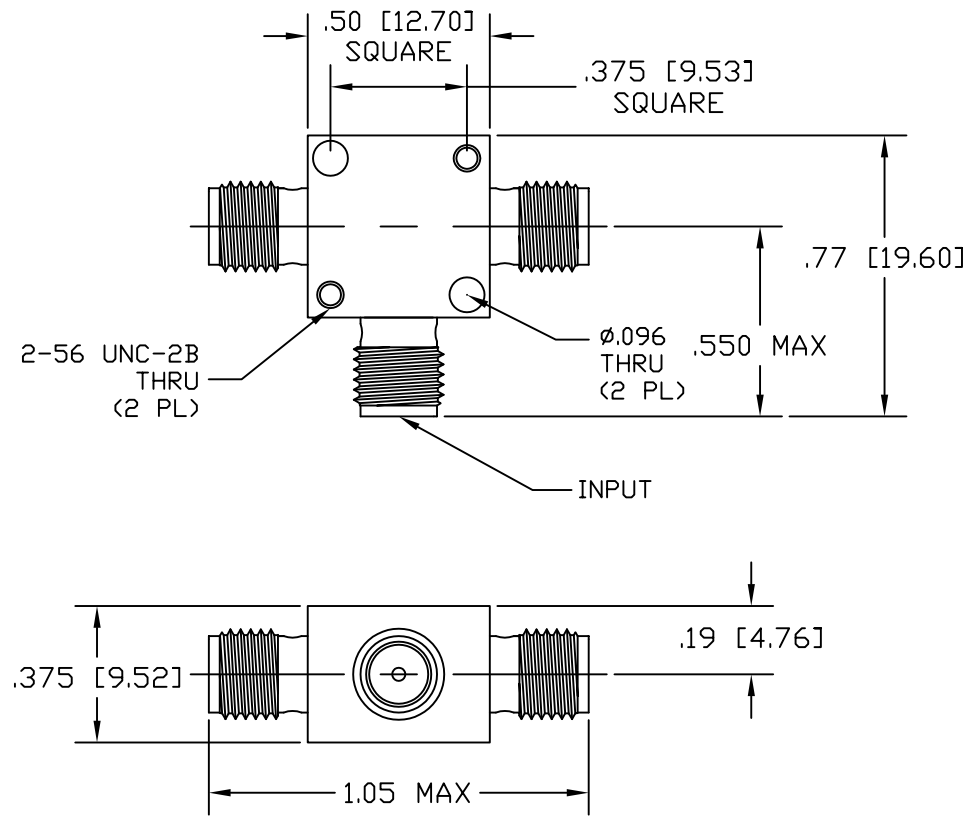
NOTE: OUTPUTS ARE SYMMETRICAL TO INPUT

**PRODUCTION
RELEASE**

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.

 INTERPRET IAW ANSI Y14.5-1992

REVISIONS

| LTR | DESCRIPTION | DATE | APPROVED |
|-----|-------------|----------|----------|
| - | RELEASED | 10/28/09 | T. KUHN |



| | | |
|---|--|--|
| DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000 | UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH DIM | DRAWN T. KUHN DATE 10/23/08 |
| DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING | .X" .03" [.76] .XX" .010" [.25] .XXX" .005 [.127] .XXXX" .0005" [.013] | CHECKED _____ DATE _____ |
| SURFACE ROUGHNESS INCHES 63 ✓ | ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R. | ENGINEER APPR. _____ DATE _____ |
| FINISH SEE NOTES | | 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. |
| MATERIAL SEE NOTES | | |

XMA Powered by:
Omni Spectra®
 Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101

TITLE
**OUTLINE DRAWING, RESISTIVE
 POWER DIVIDER, DC-18 GHz, SMA**

| | | |
|-----------|------------------------|---------------------------------|
| SIZE B | CAGE CODE 3HT76 | DRAWING NUMBER 20RP-6018-000 |
| SCALE 1:1 | PLATED AREA SQ. IN XXX | SHEET 1 OF 1 |

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