

# SPECIFICATIONS

## ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ 2 - 8 GHz

VSWR \_\_\_\_\_ 1.50:1

AVERAGE POWER \_\_\_\_\_ 10 WATTS FORWARD  
 \_\_\_\_\_ 2 WATTS REVERSE

IMPEDANCE \_\_\_\_\_ 50 OHMS

INSERTION LOSS \_\_\_\_\_ 1.6 dB MAX.

ISOLATION \_\_\_\_\_ 18 dB MIN.

PHASE BALANCE \_\_\_\_\_ ± 7 DEG. MAX.

AMPLITUDE BALANCE TRACKING \_\_\_\_\_ <0.60 dB MAX.  
 (between output ports)

OPERATING TEMP RANGE \_\_\_\_\_ -40°C TO +70°C

## MECHANICAL

SMA FEMALE CONNECTORS \_\_\_\_\_ PASSIVATED STAINLESS STEEL.  
 INTERFACE DIMENSIONS PER MIL-STD-348.

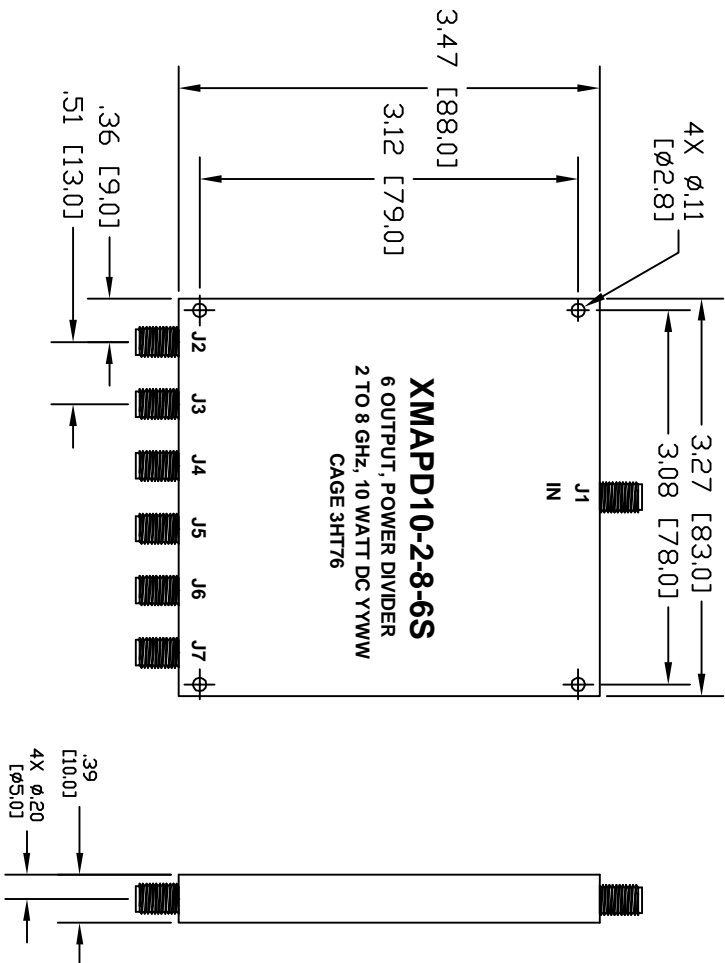
CONTACTS \_\_\_\_\_ GOLD PLATED BERYLLIUM COPPER  
 CIRCUIT CASE \_\_\_\_\_ ALUMINIUM W/ COMMERCIAL GRADE  
 BLACK PAINT.

ROHS COMPLIANT DEVICE

## MARKING

ATTACH LABEL AS SHOWN.  
 YYYYWW EQUALS DATE CODE.

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
B	REVISED TEMP. CORRECTED TYPO IN MARKING	16-208	10/18/16	T. KUHN
C	ADDED MARKING J2 THRU J7	22-049	4/25/22	QUALITY



DRAWING PRACTICES PER ANSI Y14.5-1992	
DIMENSIONS ARE IN INCHES AND DECIMALS UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
APPLY BEFORE/AFTER PROCESSING	FRACTIONS
SURFACE FINISH	DECIMALS
ROUNDED CORNERS	XXX" .005" [1.27]
FINISH	XXXX" .0005" [0.13]
SEE NOTES	ANGLES ±0°30'
MATERIAL	REMOVE ALL BURRS/SHARP W/
SEE NOTES	BREAK / R OF .003 TO .0005"
NOTE: THIS DRAWING INCORPORATES THIS ANGLE PROJECTION.	UNLESS OTHERWISE NOTED DIA'S CONCENTRIC < .003 T.I.R.
INTERPRET IN ACC. WITH Y14.5-1992	DO NOT SCALE PRINT

DRAWN	DATE
V. SHELLBY	5/8/13
CHECKED	DATE
T. KUHN	5/8/13
ENG APPR.	DATE
T. KUHN	5/8/13

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Powered by: <b>Omni Spectra®</b> Phone: 603-222-2256 Fax: 603-222-2259 7 Fernster Road, Manchester, NH 03103	
TITLE	POWER DIVIDER, SMA-f, 2-8 GHz, 6 WAY
SIZE	CAGE CODE
B	3HT76
SCALE	DRAWING NUMBER
1:1	XMAPD10-2-8-6S
PLATED PARTS PER MIL-STD-883C	SHEET 1 OF 1
XXX	REV C

QTY	PART NUMBER	DESCRIPTION	ITEM NO.
1	XMAPD10-2-8-6SU	POWER DIVIDER, SMA-f, 2-8 GHz, 6 WAY, UNMARKED	1