

# 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.

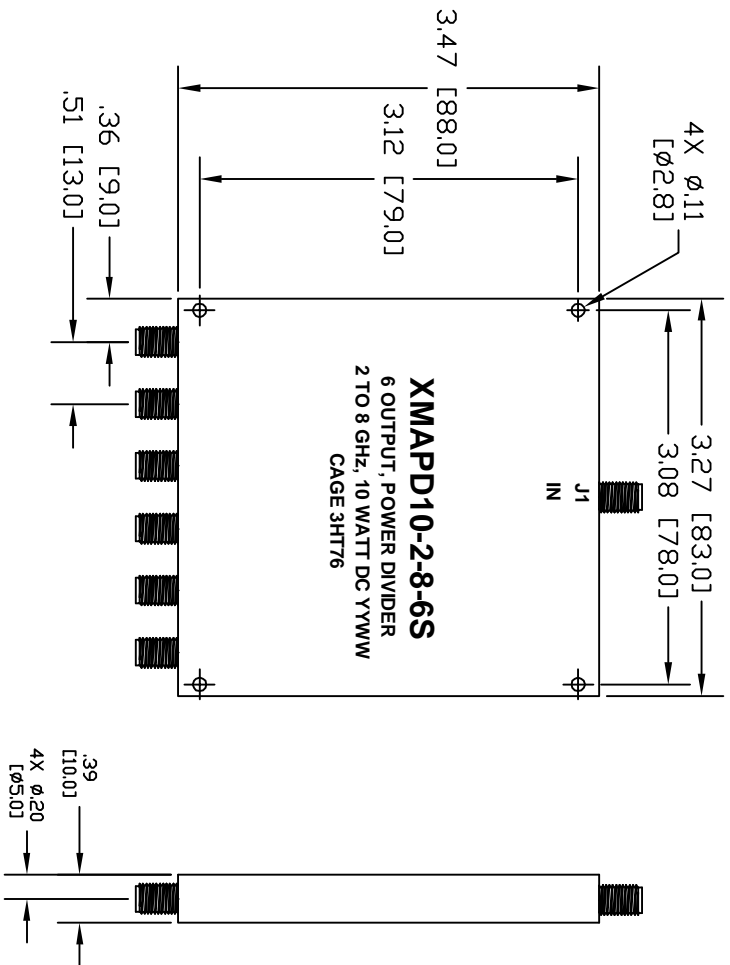
CONTACTS \_\_\_\_\_ GOLD PLATED BERYLLIUM COPPER  
 CIRCUIT CASE \_\_\_\_\_ ALUMINIUM W/ COMMERCIAL GRADE  
 BLACK PAINT.

ROHS COMPLIANT DEVICE

## MARKING

ATTACH LABEL AS SHOWN.  
 YYYYWW EQUALS DATE CODE.

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
A	ADDED MARKING	16-176	8/18/16	T. KUHN
B	REVISED TEMP. CORRECTED TYPO IN MARKING	16-208	10/18/16	T. KUHN



DRAWING PRACTICES PER ANSI Y14.5-1992 MIL-STD-100 & 300	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS .03" [ .76] ANGLES .010° [ .25] FINISH .005 [ .127] XXX° .005 [ .127] ANGLES ±0°30'
SURFACE FINISH 63	DO NOT SCALE PRINT
SEE NOTES	
MATERIAL	
SEE NOTES	
NOTE: THIS DRAWING INCORPORATES THIS ANGLE PROJECTION	
INTERPRET IN ACC. WITH Y14.5-1992	

UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS .03" [ .76] ANGLES .010° [ .25] FINISH .005 [ .127] XXX° .005 [ .127] ANGLES ±0°30'	REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003 TO .005" UNLESS OTHERWISE NOTED DIMS CONCENTRIC < .003 T.I.R.
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DRAWN V. SHELDY 5/8/13	DATE 5/8/13
CHECKED T. KUHN 5/8/13	DATE 5/8/13
ENG APPR. T. KUHN 5/8/13	DATE 5/8/13

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SIZE B	CAGE CODE 3HT76
SCALE 1:1	PLATED PARTS PER IN.
POWER DIVIDER, SMA-f, 2-8 GHz, 6 WAY	
DRAWING NUMBER XMAPD10-2-8-6S	
REV B	SHEET 1 OF 1

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