

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ 2 - 8 GHz

VSWR _____ 1.5:1

AVERAGE POWER _____ 10 WATTS FORWARD
2 WATTS REVERSE

IMPEDANCE _____ 50 OHMS

INSERTION LOSS _____ ≤ 2 dB

ISOLATION _____ ≥ 18 dB

PHASE UNBALANCE _____ ≤ 8 DEG.

AMPLITUDE UNBALANCE _____ ≤ 0.8 dB

OPERATING TEMP RANGE _____ -30°C TO +60°C

MECHANICAL

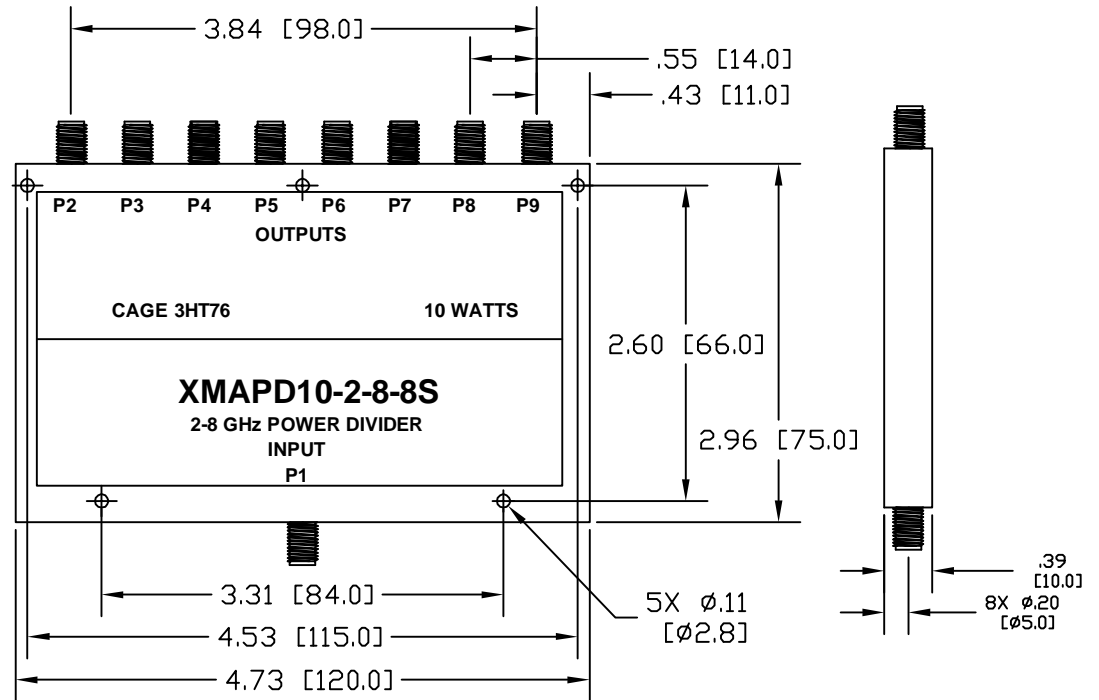
SMA FEMALE CONNECTORS _____ PASSIVATED STAINLESS STEEL.
INTERFACE DIMENSIONS PER MIL-STD-348.

CONTACTS _____ GOLD PLATED BERYLLIUM COPPER
CIRCUIT CASE _____ ALUMINUM W/ COMMERCIAL GRADE
BLACK PAINT.

MARKING

APPLY BOTH LABELS ON SURFACE OPPOSITE THE SCREWS AS SHOWN.


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	CHG DWG TO MATCH VENDOR DWG	13-169	8/14/13	T. KUHN
B	ADDED LABEL	14-242	6/25/13	T. KUHN



DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	
SURFACE ROUGHNESS INCHES	63 ✓
FINISH	SEE NOTES
MATERIAL	SEE NOTES
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	
INTERPRET IAW ANSI Y14.5-1982	

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:		
DECIMALS	INCH	DWG
.X"	.03"	[.76]
.XX"	.010"	[.25]
.XXX"	.005	[.127]
.XXXX"	.0005"	[.013]
ANGLES $\pm 0^{\circ}30'$		
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"		
UNLESS OTHERWISE NOTED DIAS CONCENTRIC $<.003$ T.I.R.		
DO NOT SCALE PRINT		

DRAWN	DATE
V. SHELBY	5/8/13
CHECKED	DATE
T. KUHN	5/8/13
ENG APPR.	DATE
T. KUHN	5/8/13
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QTY	PART NUMBER	DESCRIPTION	ITEM NO.
1	XMAPD10-2-8-8SU	POWER DIVIDER, SMA, FEMALE, 2-8 GHz, 8 WAY, UNMARKED	1
 Powered by: Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101			
TITLE POWER DIVIDER, SMA, FEMALE, 2-8 GHz, 8 WAY			
SIZE B	CAGE CODE 3HT76	DRAWING NUMBER XMAPD10-2-8-8S	REV B
SCALE 1:1	PLATED AREA SQ. IN	XXX	SHEET 1 OF 1