

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

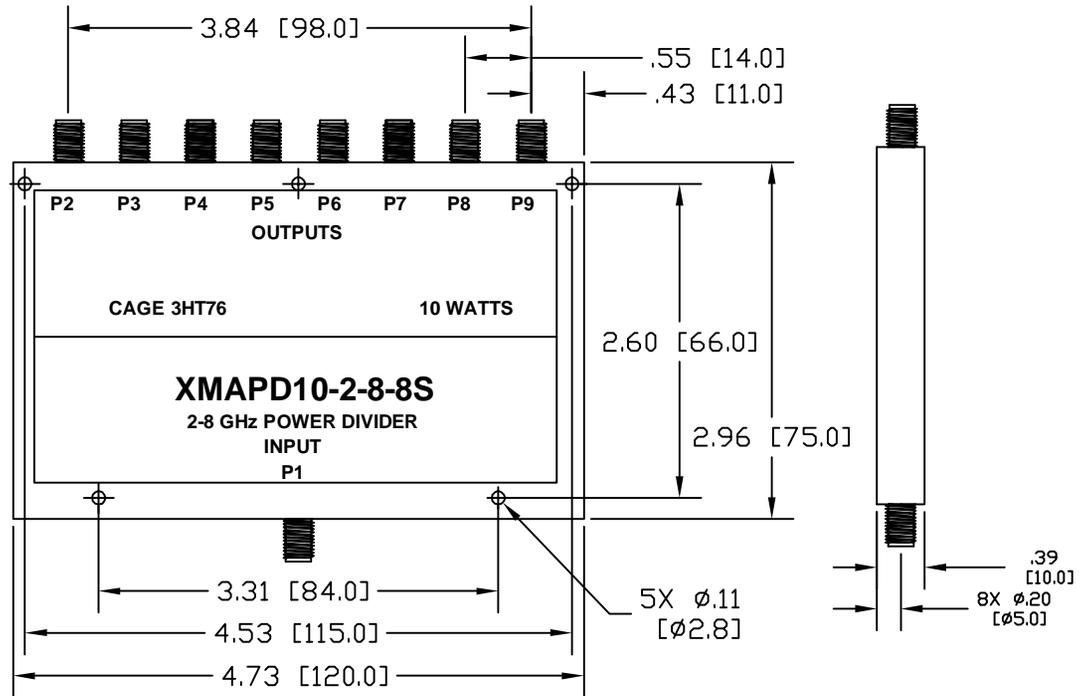
MECHANICAL

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	ECD #	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



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

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 ±0°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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POWER DIVIDER, SMA, FEMALE, 2-8 GHz, 8 WAY

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XMAPD10-2-8-8S	B
SCALE	1:1	PLATED AREA SQ. IN	XXX
SHEET		1 OF 1	

TEMPLATE REV -