

# SPECIFICATIONS

## ELECTRICAL

FREQUENCY RANGE 2000 -18000 MHz

VSWR  $\leq 1.80:1$

POWER HANDLING 20 WATTS FORWARD  
2 WATTS REVERSE

IMPEDANCE 50 OHMS

INSERTION LOSS  $\leq 2.6$  dB

ISOLATION  $\geq 15$  dB

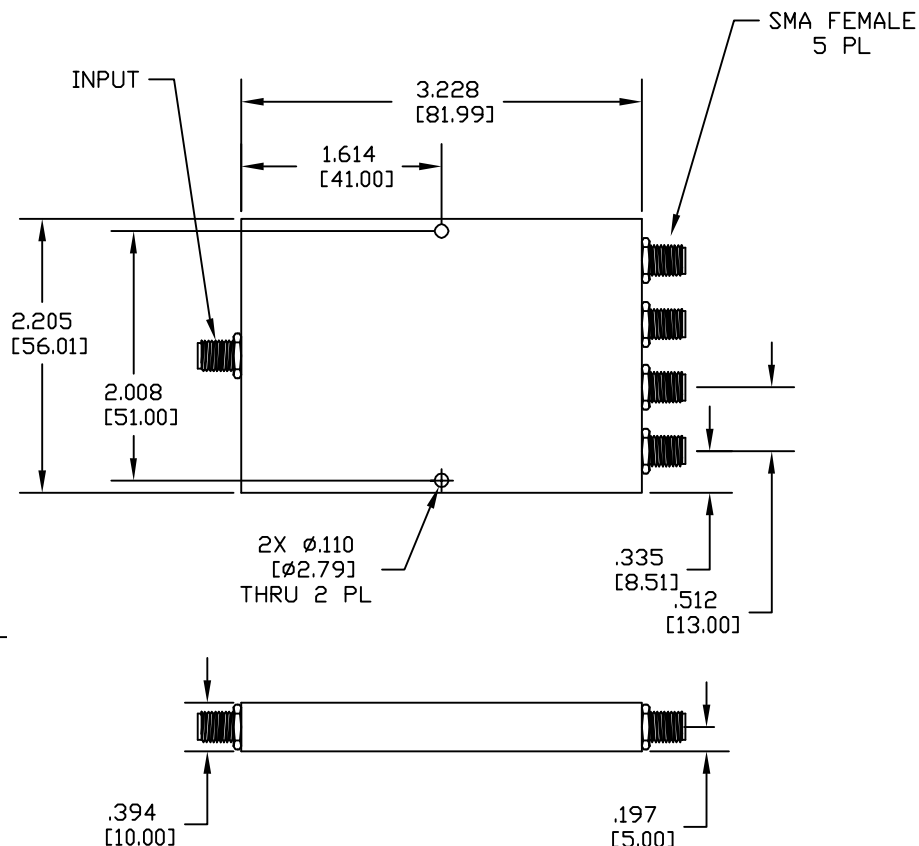
PHASE BALANCE  $\pm 6$  DEG.

AMPLITUDE BALANCE  $\leq 0.6$  dB  
(between output ports)

OPERATING TEMP RANGE  $-55^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$

## MECHANICAL

SMA FEMALE CONNECTORS PASSIVATED STAINLESS STEEL  
CIRCUIT CASE ALUMINUM WITH COMMERCIAL  
GRADE BLACK PAINT.



DRAWING PRACTICES FOR ANSI-Y-14.5 REL-STD-200 9-2000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	
SURFACE ROUGHNESS INCHES	63 ✓
FINISH	SEE NOTES
MATERIAL	SEE NOTES
NOTES THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION	
INTERPRET (AW ANS) Y14.5-1982	

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

DRAWN	DATE
V. SHELBY	11/15/13
CHECKED	DATE
B. GOSSELIN	11/15/13
ENG APPR.	DATE
V. SHELBY	11/15/13
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNISPECTRA 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.	

<b>XMA</b> Powered by: Omni Spectra <sup>®</sup> Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101 TITLE	
POWER DIVIDER, 2000-18000 MHz	
SIZE C	CAGE CODE 3HT76
SCALE NONE	DRAWING NUMBER XMAPD20-2-18-4S
SHEET 1	OF 1
TEMPLATE REV -	