

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.  
 ALL LENGTH DIMENSIONS TOLERANCE  $\pm 0.010$ " UNLESS OTHERWISE SPECIFIED.  
 ALL DIAMETER DIMENSIONS TOLERANCE  $\pm 0.005$ " UNLESS OTHERWISE SPECIFIED.  
 PROPERTY OF WERBEL MICROWAVE LLC

MATERIAL: ALUMINUM 6061-T6.  
 FINISH: GREY ACRYLIC PAINT (EXCEPT MOUNTING SURFACE).

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	0	Initial release.	5/21/2015	E. Werbel

## SPECIFICATIONS

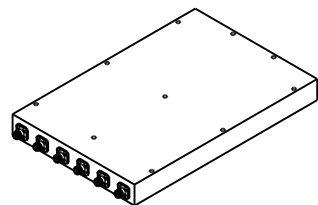
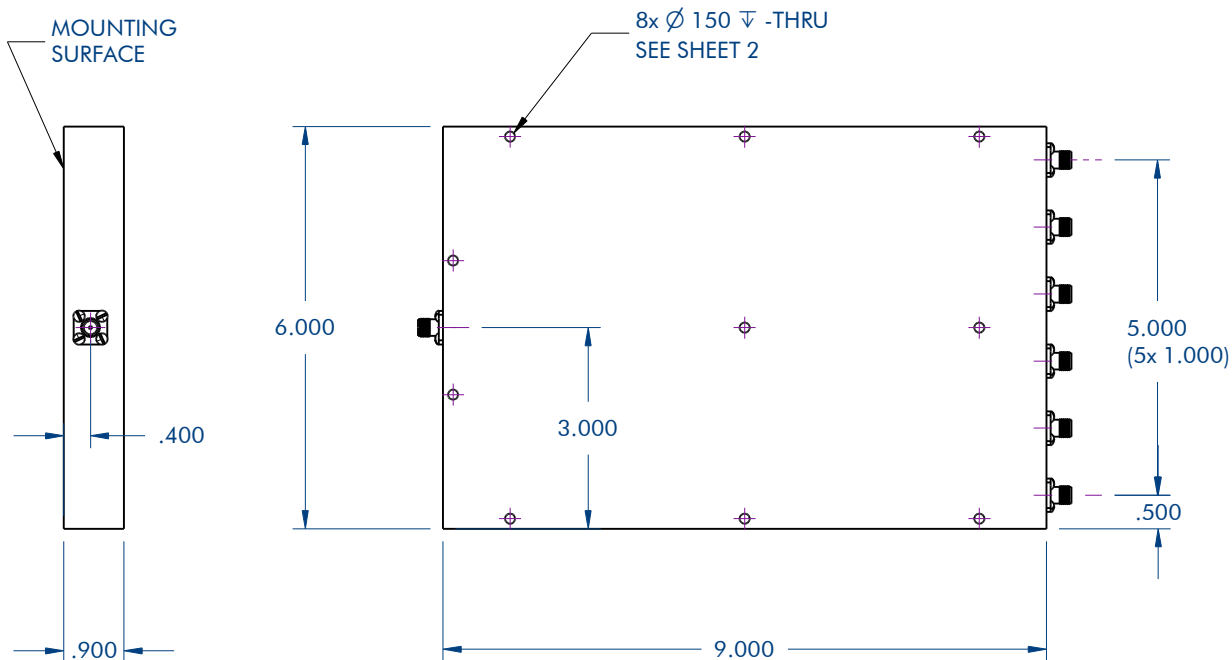
Frequency Range 500-6,000 MHz  
 Insertion Loss 2.2 dB, max.  
 Maximum Input Power 50 Watts, max.  
 VSWR (Sum Port) 1.8:1, max.  
 VSWR (Output Ports) 1.6:1, max.  
 Isolation 16 dB, min.  
 Phase Balance  $\pm 10$ -deg, max.  
 Amplitude Balance 0.8 dB, max.

Operating Temperature -40 to +65 °C  
 (Tested at +25°C)  
 Environment Indoor use only.

R.F. Interface SMA-Female, 50-ohm  
 1/4-36 Thread

Rated power for use as a splitter with load VSWR  
 of 1.20:1 max.

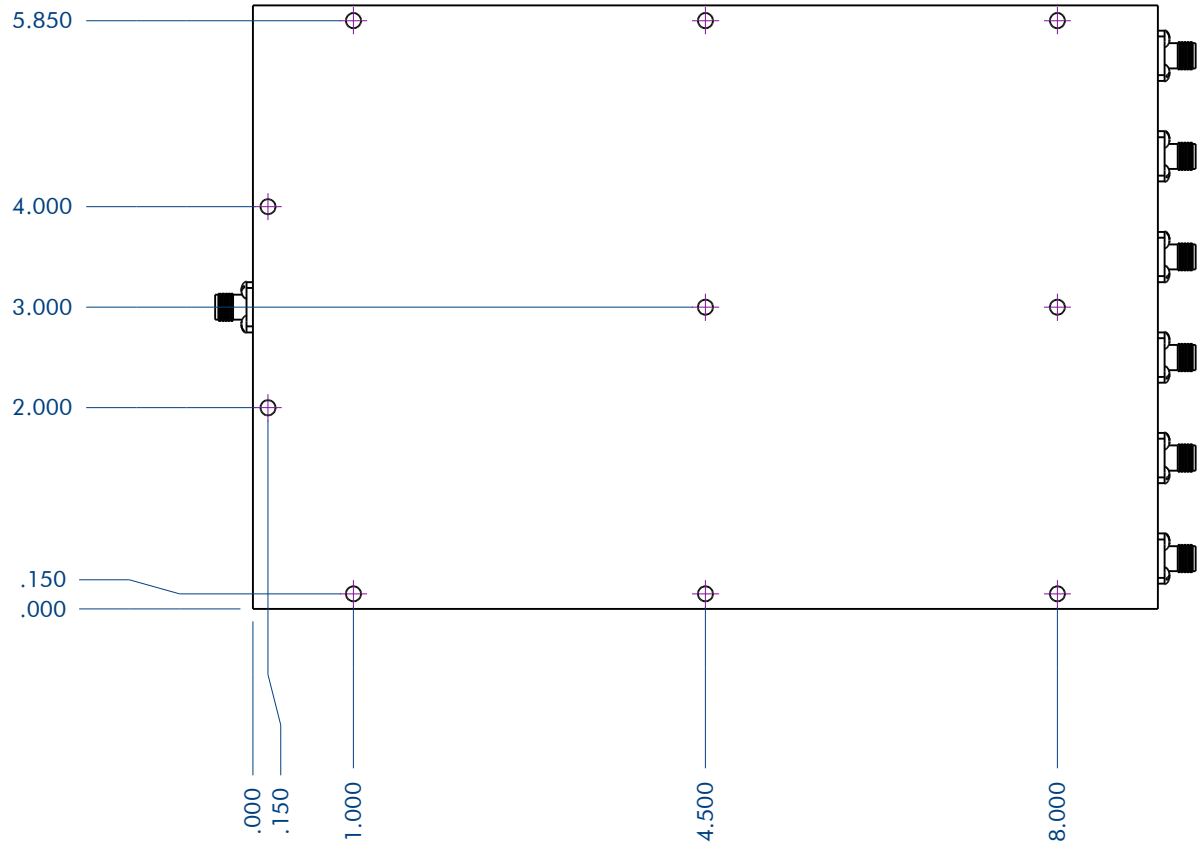
Adequate heatsinking required for continuous  
 use at full power.



<b>WERBEL MICROWAVE, LLC</b>  51 Chestnut Street Livingston, N.J. 07039  Tel. (973) 900-2480 Fax. (973) 716-9430	DRAWN E. Werbel	DATE 5/21/2015					
	CHECKED						
	sales@werbelmicrowave.com  www.WerbelMicrowave.com	QA  MFG  APPROVED		<b>Power Divider</b> <b>500-6,000 MHz, 6-Way, SMA-Female</b>	SIZE <b>A</b>	CAGE CODE 78Y20	DWG NO. 6PSX506 (WMPD06-0.5-6-S)
			SCALE 1/3	SHEET 1 of 2			

# MOUNTING HOLE PATTERN

Scale 1/2, For #6 Machine Screws



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	CHECKED		<b>Power Divider</b> <b>500-6,000 MHz, 6-Way, SMA-Female</b>			
	QA		SIZE <b>A</b>	CAGE CODE 78YZ0	DWG NO. 6PSX506 (WMPD06-0.5-6-S)	REV 0
sales@werbelmicrowave.com	MFG		SCALE 1/2			SHEET 2 of 2
www.WerbelMicrowave.com	APPROVED					