

# Diplexer C5515



Specifications are subject to change without notice

## Electrical Specifications (+25°C)

Parameter	Value	
	Channel 1	Channel 2
-1 Center Frequency	5735 MHz	5800 MHz
-2 Center Frequency	5800 MHz	5735 MHz
-3 Center Frequency	5755 MHz	5820 MHz
-4 Center Frequency	5820 MHz	5755 MHz
-5 Center Frequency	5775 MHz	5840 MHz
-6 Center Frequency	5840 MHz	5775 MHz
0.5 dB Bandwidth	± 9 MHz	
3 dB Bandwidth	± 14 MHz	
VSWR	1.5:1 Maximum	
Isolation	80 dB Minimum	
Connectors	SMA Female per MIL-C-39012	
Operating Temperature	-50° to +70° C	
Package Size	0.75" x 2.5" x 3.0"	

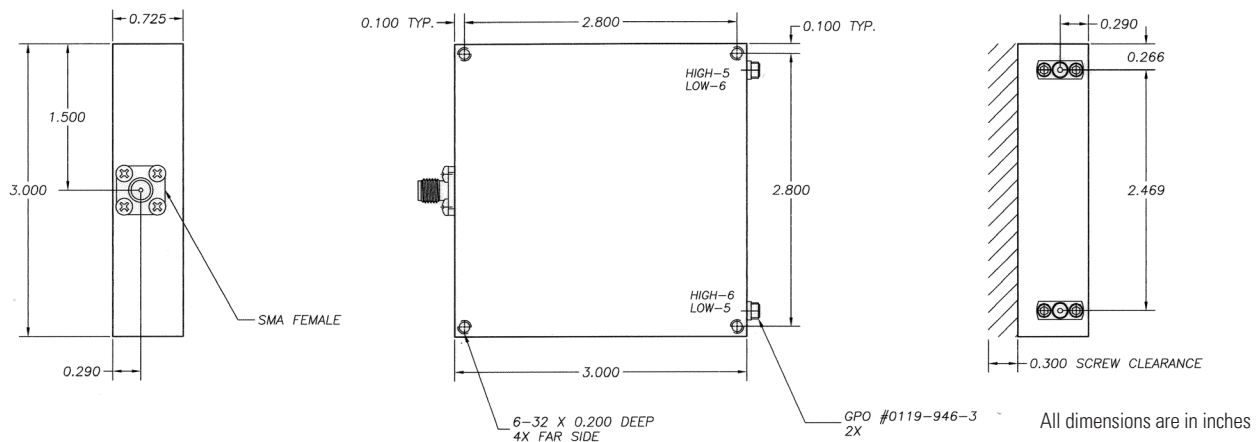
### Features

- Cavity Design
- Low Loss

### Applications

- Radio Combiner
- Test Equipment

## Outline Drawing



### Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@rcy.com](mailto:rf.microwave@rcy.com) or visit [www.rcy.com/rf](http://www.rcy.com/rf) for a detailed listing of RF and Microwave products.



Corporate Headquarters • 50 Minuteman Road • Andover, MA 01810 USA • (978) 967-1401 • (866) 627-6951 • Fax (978) 256-3599 • [www.rcy.com](http://www.rcy.com)