

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 2.025 - 2.475 GHz
- 2 - Way

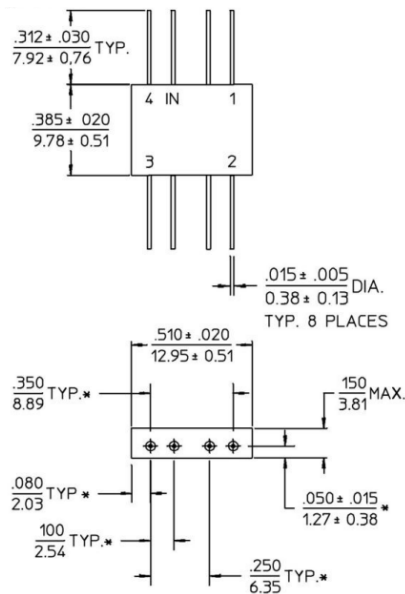
### PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Phase Balance Max.	Amplitude Balance dB Max.	VSWR Max.		CW Input, W, Load VSWR out 1.2:1	Weight Max.
						In	Out		
PDF-2A-2250 SQ	2.025 - 2.475	15	1	5°	0.5	1.7:1	1.7:1	2	2.8 g.

### TECHNICAL DESCRIPTION / APPLICATION

The PDF-2A-2250 SQ In-Phase Power Divider covers 2.025 - 2.475 GHz. with a special lumped element design to reduce size, while maintaining high performance. This unit has been designed, manufactured, and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."

### PACKAGE OUTLINE



NOTES: 1. Tolerance on 3 place decimals  $\pm .010$ (.25) except as noted.  
 2. Dimensions in inches over millimeters.  
 3. Dimensions marked with \* apply only at body.  
 4. All unmarked pins are case ground.

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