

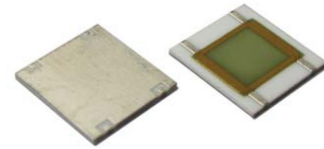
# 4GHz Quadrature



## Thick Film C-Band Two Way Quadrature Power Divider

### Features

- 4GHz Center Frequency
- Compact, Low Loss

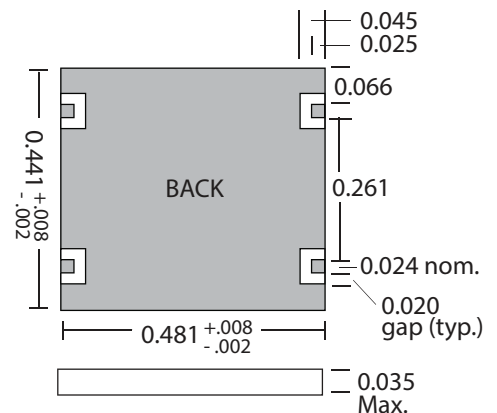


Thick Film

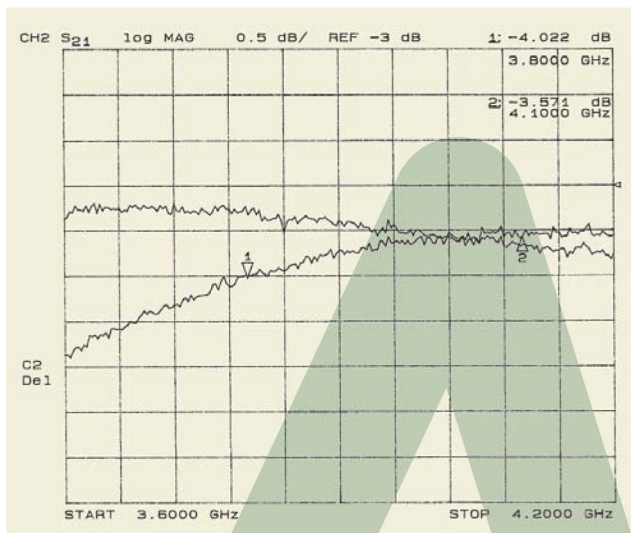
IMD2402	Specification
Configuration:	SMT with backplane
Bandwidth:	10%
VSWR:	1.25:1*
Input Power:	20W**
Typical Insertion Loss:	0.4dB
Input Isolation:	15dB or more
Phase Delta:	~3°
Construction:	Thick Film on 0.025" Alumina
Impedance:	50Ω nominal
Dimensions:	0.481"L x 0.441"W x 0.035"H Max

\*Depending on board and circuit architecture  
 \*\* With baseplate maintained at or below 100°C

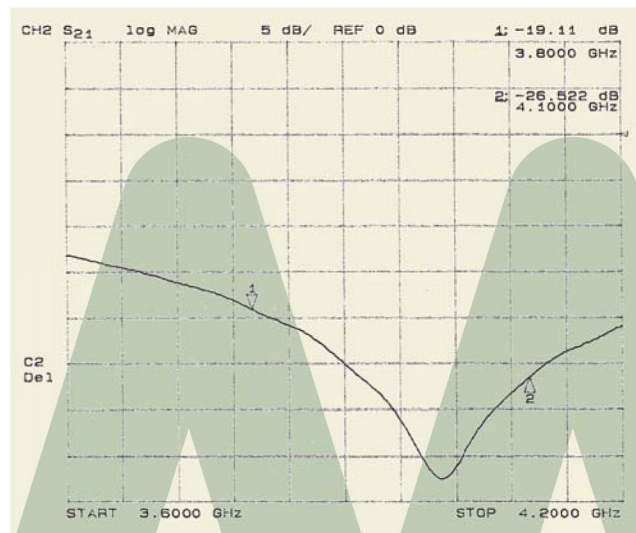
### Dimensions



### IMD2402 Power Split



### IMD2402 Input Isolation



See additional IMS C-Band dividers on separate data sheets.  
 IMS has designed and developed many SMT and Microstrip Quadrature Dividers  
 with various center frequencies from UHF to K Band.

See our website [www.ims-resistors.com](http://www.ims-resistors.com) for other options or contact  
 our factory with your requirements!

### International Manufacturing Services, Inc.

50 Schoolhouse Ln., Portsmouth RI 02871 USA

Tel (401) 683-9700 • Fax (401) 683-5571 • e-mail: [ims@ims-resistors.com](mailto:ims@ims-resistors.com) • [www.ims-resistors.com](http://www.ims-resistors.com)