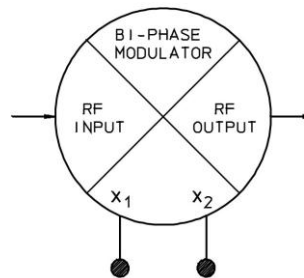


Biphase Modulator - BPF-2A-2000 SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- High Accuracy
- Hi-Rel Hermetic Flatpack



PERFORMANCE

RF Frequency.....2000 ± 20 MHz
 Phase Balance180° ± 3° max.
 Amplitude Balance0.4 dB max.
 Insertion Loss..... 6 dB max.
 VSWR RF/LO2.0:1 max.
 Carrier Suppression.....-25 dBc min.

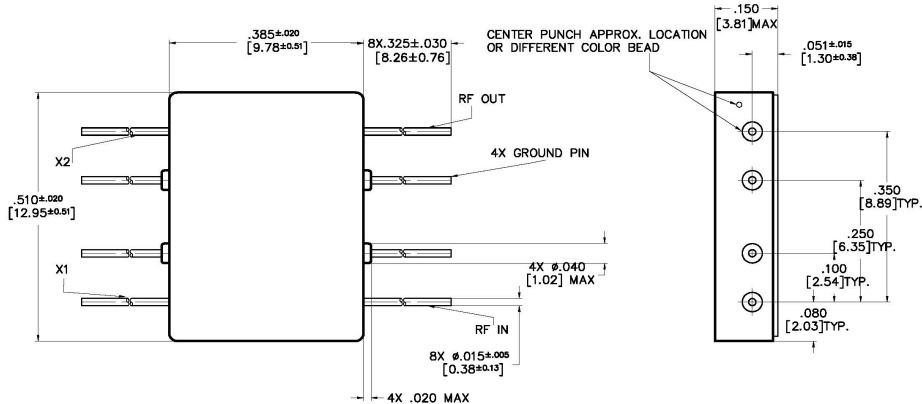
GENERAL SPECIFICATIONS

Impedance.....50 Ohm
 RF Input Level.....-3dBm max.
 Switching Speed 2 nS Typ.
 Data Levels:
 Logic 1: +15 mA
 Logic 0: -15 mA
 Operating Temperature..... -55° to +85° C
 Weight..... 0.1 oz (2.8G) max.

DESCRIPTION

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 places decimals .010(.25) except as noted.
 2. Dimensions in inches over millimeters.
 3. Lead dimensions apply only at body
 4. All unmarked pins are case ground.

Crane Aerospace & Electronics
 Microwave Solutions – Merrimac Industries
 41 Fairfield Place, West Caldwell, NJ 07006
 + 1.973.575.1300 ext. 1309 • mw@crane-eg.com
 www.craneae.com/mw

BPF-2A-2000 SQ

