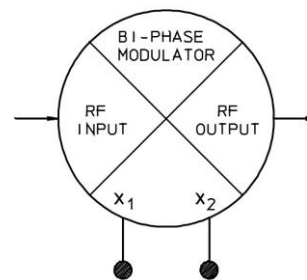


Biphase Modulator - BPLF-2A-2250 SQ

TECHNICAL FEATURE

FEATURES

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



PERFORMANCE

RF Frequency.....2250 ± 50 MHz
 Phase Balance180° ± 3° max.
 Amplitude Balance0.4 dB max.
 Insertion Loss..... 10 dB max.
 VSWR RF/LO2.0:1 max.
 Carrier Suppression.....-25 dBc min.

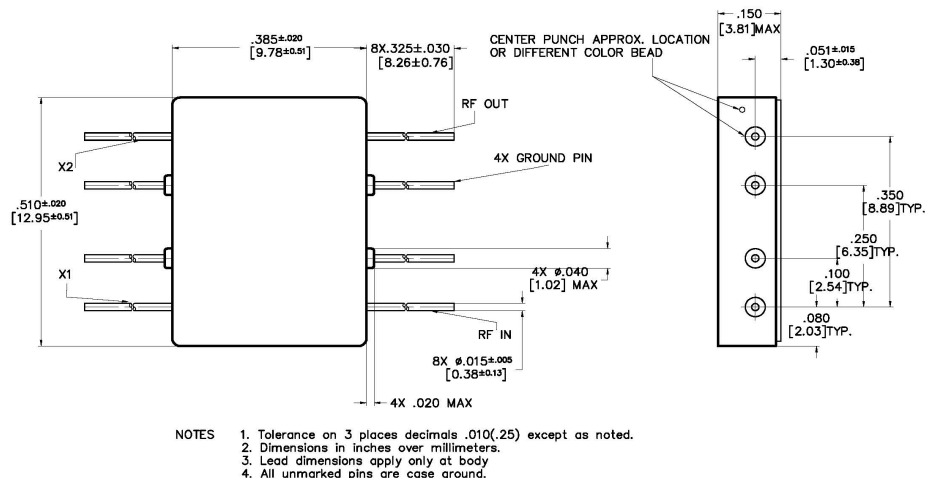
GENERAL SPECIFICATIONS

Impedance.....50 Ohm
 RF Input Level.....+10dBm Max.
 Switching Speed 2 nS Typ.
 Data Levels:
 Logic 1: +4.5 mA
 Logic 0: -4.5 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



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

BPLF-2A-2250 SQ

