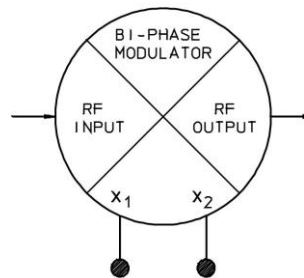


Biphase Modulator - BPF-2A-500 SQ

TECHNICAL FEATURE

FEATURES

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



PERFORMANCE

RF Frequency.....	1.7 ± 0.1 MHz
Phase Balance	180° ± 2° max.
Amplitude Balance	0.2 dB max.
Insertion Loss.....	3 dB max.
VSWR RF/LO	1.5:1 max.
Carrier Suppression.....	-40 dBc min.

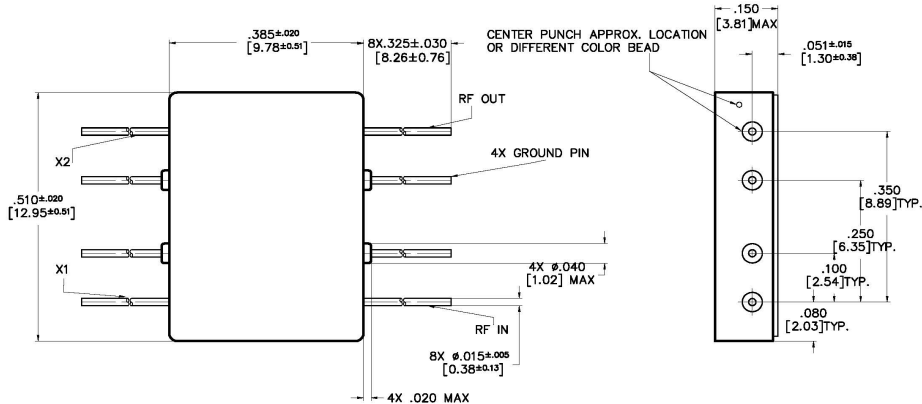
GENERAL SPECIFICATIONS

Impedance.....	50 Ohm
RF Input Level.....	-3dB 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.

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BPF-2A-500 SQ



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