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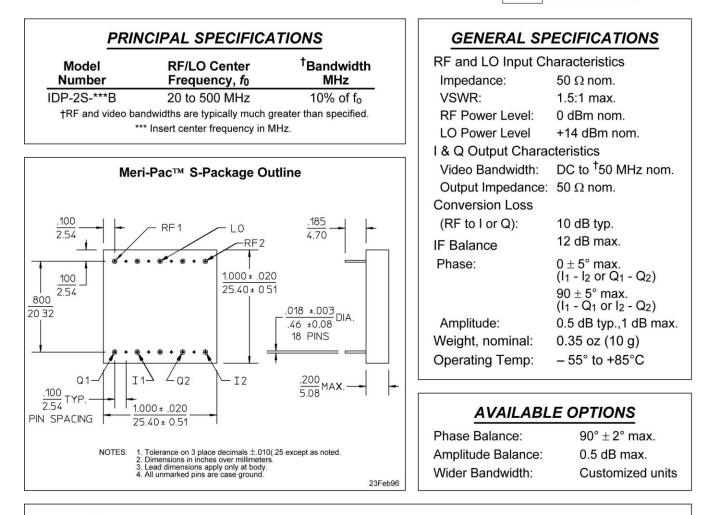
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IDP-2S SERIES – I&Q NETWORKS

TECHNICAL FEATURE

FEATURES

- 2 to 500 MHz
- Two I&Q Phase Detectors with Common LO
- Hermetic Package



General Notes:

1. Dual I & Q networks are integrated devices that produce two pairs of quadrature-phased, equal amplitude signals when fed by two IF signals and an LO signal as shown in the schematic above.

2. Merrimac's IDP-2S series combines two matched circuits in one package. Both lumped and distributed circuit technologies are used to minimize size and weight while maintaining excellent overall performance.

3. Merrimac's I & Q networks comply with the relevant sections of MIL-M-28837 and may be screened for compliance with additional specifications for military and space applications requiring the highest reliability.

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



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