IQF-25L Series

I&Q NETWORKS

1.5 to 3 GHz / 10 % Bandwidth / In-Circuit, Voltage Controlled Phase Balance / Hi-Rel Hermetic Pkg



General Notes:

1. I & Q networks are integrated devices that produce two quadrature-phased, equal amplitude signals when fed RF and LO signals.

2. The IQF-25L series features an in-circuit, voltage controlled phase balance that allows fine adjustment of phase. This feature provides accuracy not previously attainable in a comparably small package. In addition, the voltage controlled phase balance input facilitates closed loop, servo operation using the phase adjustment input as feedback.

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

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