Q

MIXERS

IN-PHASE

ORF IN

POWER

LO INO

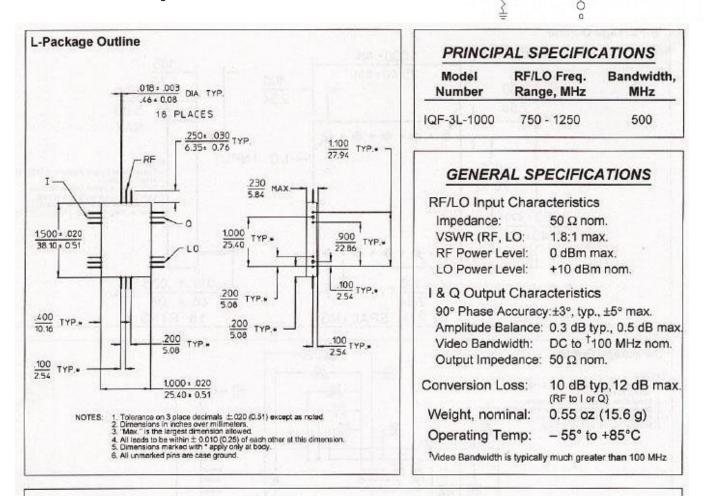
3dB 90\* HYBRID

## IQF-3L-1000 - I&Q NETWORKS

## **TECHNICAL FEATURE**

## **FEATURES**

- 750 to 1250 MHz
- Excellent Phase and Amplitude Balance
- Hermetic Hi-Rel Package



## **General Notes:**

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

2. The IQF-3L-1000 wideband microwave I & Q network uses both lumped and distributed circuit technologies to maximize high performance and is based on a reliable flatpack design.

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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