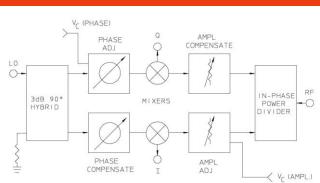
## IQF-27L SERIES - I&Q NETWORKS

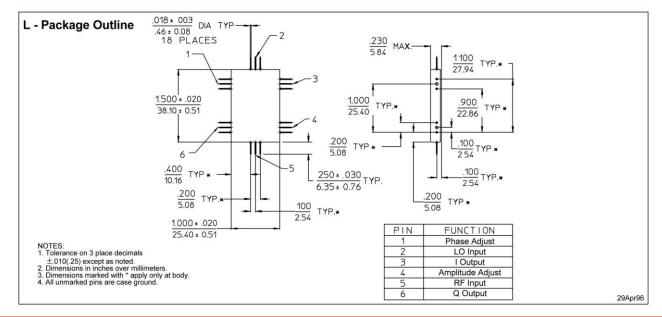
## **TECHNICAL FEATURE**

## **FEATURES**

- 2 to 200 MHz •
- 10 % Bandwidth
- In-Circuit Phase and Amplitude Adjustments
- Hi-Rel Package



| PR   | INCIPAL SPECIFICAT  | IONS   |
|--|---|--|
| Model  | LO Frequency  | <sup>†</sup> Bandwidth                         |
| Number<br>IQF-27L-***B   | f <sub>o</sub> , MHz<br>20 - 200<br>odel Number replace *** with desired LC | RF Input<br>10% of fo                          |
|  |   |  |
| General Notes:<br>1. I & Q netwo<br>guadrature-phase   | orks are integrated devices<br>d, equal amplitude signals w                 | that produce two<br>hen fed RF and LO          |
| signals.<br>2. The IQF-27L se  | eries features in-circuit, voltage<br>adjustments that allow fine a         | controlled phase and                           |
| device is in its nor<br>accuracy not prev  | mal operating environment. The<br>iously attainable in a compara            | ese features provides<br>bly small package. In |
| facilitate closed lo<br>feedback loops.  | age controlled phase and amp<br>op, servo operation using the ac            | ljustment inputs in the                        |
| 3. Merrimac I & Q networks comply with the relevant sections of MIL-M-28837 and may be supplied screened for compliance with |   |  |
| additional specific<br>highest reliability.  | ations for military and space app   | lications requiring the                        |



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