


Applications

- Usable Bandwidth of 69 MHz (CH1-11)
- High-power WLAN Access Points and Small Cells
- Band-edge filtering of WiFi signal emissions at 2390MHz and 2483.5MHz
- WiFi bandpass filter that enables the coexistence of 4G (LTE/TD-LTE) & WiFi signals
- ISM band applications such as Smart Meters
- Portable Hotspots and Mobile Routers

Product Features

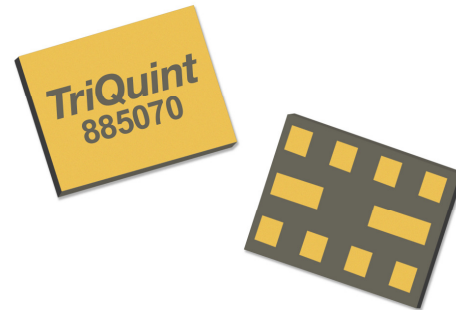
- Industry leading small size: 1.70 x 1.30 x 0.46 mm
- Performance over -40 to +95 °C
- High Rejection at 2390MHz, 2483.5MHz, B38/B40/B7/B41
- Ceramic chip-scale Package (CSP)
- Hermetically sealed
- **RoHS** compliant, **Pb**-free 

General Description

The 885070 is a high-performance, high power Bulk Acoustic Wave (BAW) band-pass filter with extremely steep skirts, simultaneously exhibiting low loss in the WiFi band and high rejection in the band-edge and adjacent LTE /TD-LTE bands.

The 885070 enables coexistence of WiFi and LTE signals within the same device or in close proximity to one another. Its unique power handling capability allows for implementation into high performance high power access points and small cell base stations.

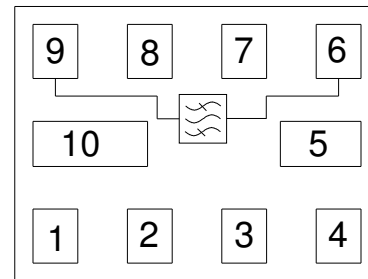
The 885070 uses common module packaging techniques to achieve the industry standard 1.7 x 1.32 x 0.46 mm footprint. The filter exhibits industry leading power handling capabilities up to 1W.



CSP-1713 package: 1.70 x 1.30 x 0.46 mm

Functional Block Diagram

Top View



Pin Configuration

Pin No.	Label
9	Input
6	Output
1,2,3,4,5,7,8,10	Case Ground

*Note, see application section for details on optimal grounding

Ordering Information

Part No.	Description
885070	Packaged part
885070-EVB	Evaluation board

Standard T/R size = 15,000 units/reel
 Minimum Order Quantity = 2500 units/ reel.