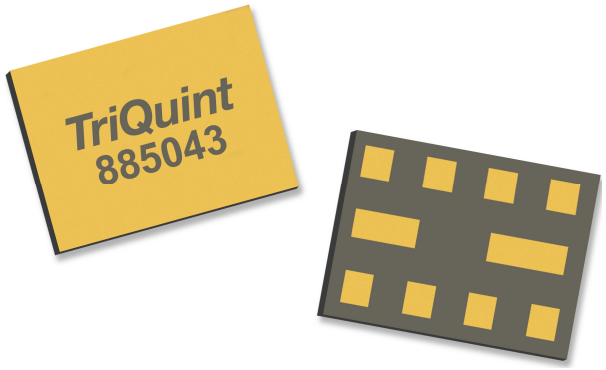
885043

B38/B40 Tx filters

Applications

- For Band 38 and Band 40 TD-LTE applications
- TD-LTE B38/B40 handset, datacards, mobile routers



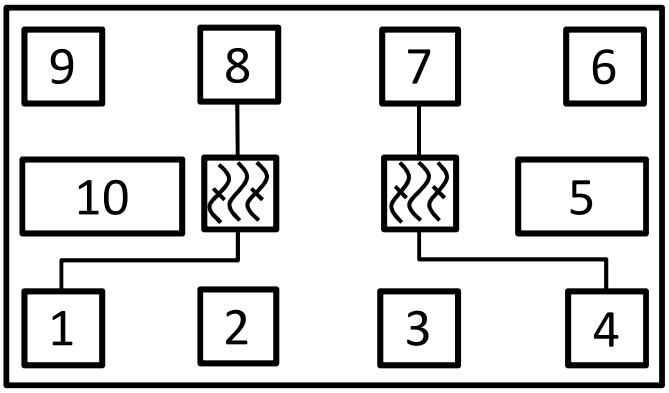
1.7 x 1.3 x 0.46 mm

Product Features

- Highly selective BAW filters achieving low insertion loss over full bandwidth and operating conditions
- Rejection in WLAN band of 40dB minimum
- Rejection in B7 Rx band of 20dB minimum
- Single antenna port, diplexing
- Performance -20 to +85 ºC
- RoHS compliant, Pb/halogen-free module package

Functional Block Diagram

Top view



General Description

The 885043 is a high-performance Bulk Acoustic Wave (BAW) Tx filter module designed to meet the strict TD-LTE rejection requirements for use in B38 and B40.

885043 is specifically designed to meet the high performance expectations of insertion loss and rejection for TD-LTE receive systems under all operating conditions.

The 885043 uses common module packaging techniques to achieve the industry standard 1.7 x 1.3 x 0.46 mm footprint.

Pin Configuration

Pin #	Description
1	B38 Tx
4	B40 Tx
7	B40 Antenna
8	B38 Antenna
2,3,5,6,9,10	Ground*

*Note, see application section for details on optimal grounding

Ordering Information

Part No.	Description
885043	Packaged part
885043-EVB	Evaluation board

Standard T/R size = 10,000 units/reel.

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