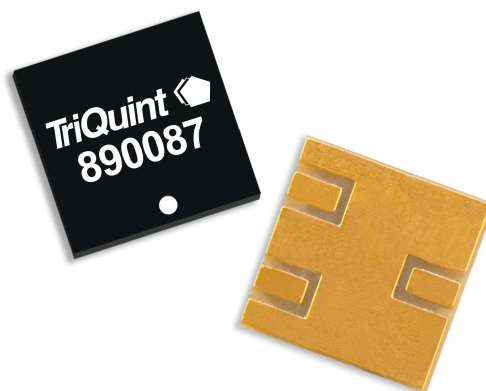


# 890087


## 1176.45/1575.42 MHz Low Loss SAW Diplexer

### Applications

- General purpose GPS
- Comm Systems

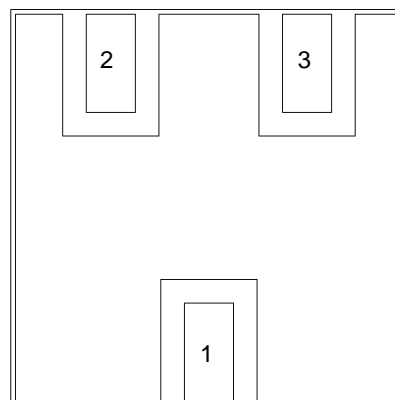


### Product Features

- Usable bandwidth 20.46 MHz for each Band
- No matching required for operation at 50Ω
- Excellent rejection for GPS operation
- Low Insertion Loss
- High Rejection
- Laminate with Over Mold Surface Mount Package (SMP)
- Small Size : 5.0 x 5.0 x 2.1mm
- Hermetic **RoHS** compliant, **Pb-free** 

### Functional Block Diagram

Top view



### General Description

890087 is a L1/L5 GPS diplexer in a compact size for use in any GPS application. Designed for rejection of unwanted GPS signals, this SAW diplexer also has excellent power handling capability for low power transmitters.

Housed in a 5.0 x 5.0 mm laminate with over mold package, this device allows for a compact and cost effective diplexer solution for GPS applications.

No matching components are required, making the PCB design and implementation easy.

### Pin Configuration

Pin # SE	Description
1	Antenna
2	L1 Band Output
3	L5 Band Output

### Ordering Information

Part No.	Description
890087	Packaged Part
890087-EVB	Evaluation Board