

**8-SMD, No Lead 5.0x5.0 mm**



- Standard Package: 5.0\*5.0\*1.5mm
- Specified passband: 578-590 MHz
- Operating temperature: -20°C to +75°C
- RoHS and REACH Compliant , Pb-free



- 584 MHz RF/IF receiver filtering
- Signal selection in UHF receivers
- Receiver front-end filtering
- Test and measurement signal chains

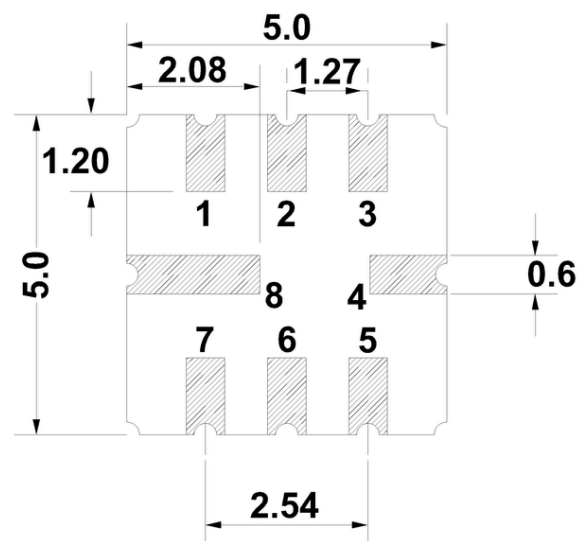


| Characteristics                  | Symbol         | Min. | Typ. | Max. | Units | Notes                                                                                                                                                           |
|----------------------------------|----------------|------|------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Center Frequency                 | f <sub>C</sub> | 584  |      |      | MHz   | IL and ripple: 578-590 MHz.<br><br>Test source/load: 50 ohm / 50 ohm. These are test terminations, not device impedances.<br><br>3 dB bandwidth: not specified. |
| Insertion Loss                   | IL             |      | 1.6  | 4.5  | dB    |                                                                                                                                                                 |
| 3 dB Bandwidth                   | BW             |      | -    |      | MHz   |                                                                                                                                                                 |
| Amplitude Ripple (578 ~ 590 MHz) | -              |      | 0.7  | 2.0  | dB    |                                                                                                                                                                 |
| Storage Temperature              | T <sub>A</sub> | -40  |      | +85  | °C    |                                                                                                                                                                 |
| Input Impedance                  | Not specified  |      |      |      |       |                                                                                                                                                                 |
| Output Impedance                 | Not specified  |      |      |      |       |                                                                                                                                                                 |

**! Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.**

| Pin No.   | Description  |
|-----------|--------------|
| 2         | Input/Output |
| 6         | Input/Output |
| 1, 3, 5,7 | To Be Ground |
| 4, 8      | Case Ground  |

Please contact FCom for other pin configurations.



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PRECISELY ACCURATE