

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

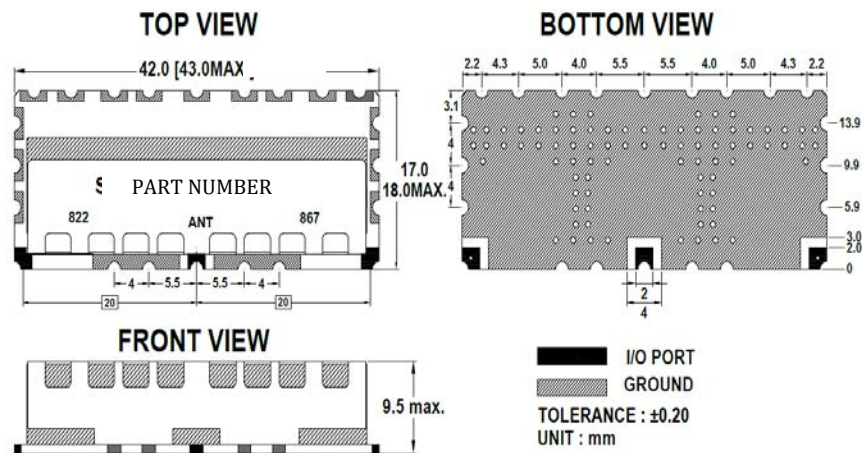
Descriptions

Surface mount ceramic duplexer developed for LTE band-18 applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|-------------------------------|---------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 822.5 | 867.5 |
| Passband Frequency Range | MHz | $F_c \pm 7.5$ (815 ~ 830) | $F_c \pm 7.5$ (860 ~ 875) |
| Insertion Loss in Passband | dB | 2.5 max | 2.5 max |
| Ripple in Passband | dB | 1.0 max | 1.0 max |
| Return Loss (VSWR) in Passband | dB | 18 min | 18min |
| Attenuation at Reject Band | dB | 55 min @ 860 ~ 875 MHz | 55 min @ 815 ~ 830 MHz |
| Power Handling | Watt | 3 max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +85 | |
| Dimensions (max) | mm | 43.0 x 18.0 x 9.5 (L x W x H) | |
| RoHS | - | Yes | |

Mechanical Drawing



Electrical Response

