

Features

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

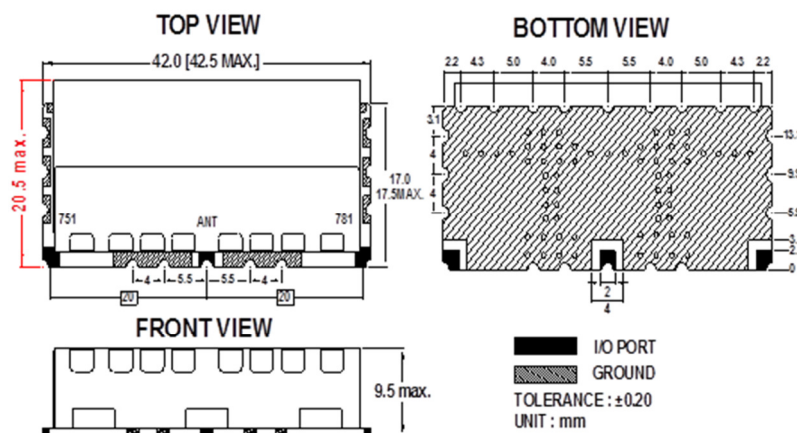
Descriptions

Surface mount ceramic duplexer developed for LTE band-13 applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|-------------------------------|---------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 751.5 | 781.5 |
| Passband Frequency Range | MHz | $F_c \pm 5.5$ (746 ~ 757) | $F_c \pm 5.5$ (776 ~ 787) |
| 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 | 15 min |
| Attenuation at Reject Band | dB | 50 min @ 776 ~ 787 MHz | 65 min @ 746 ~ 757 MHz |
| Isolation | dB | 35 min @ 746 ~ 787 MHz | |
| Power Handling | Watt | 5 max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -35 ~ +85 | |
| Dimensions | mm | 42.5 x 20.5 x 9.5 (L x W x H) | |

Mechanical Drawing



Electrical Response

