

Features

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

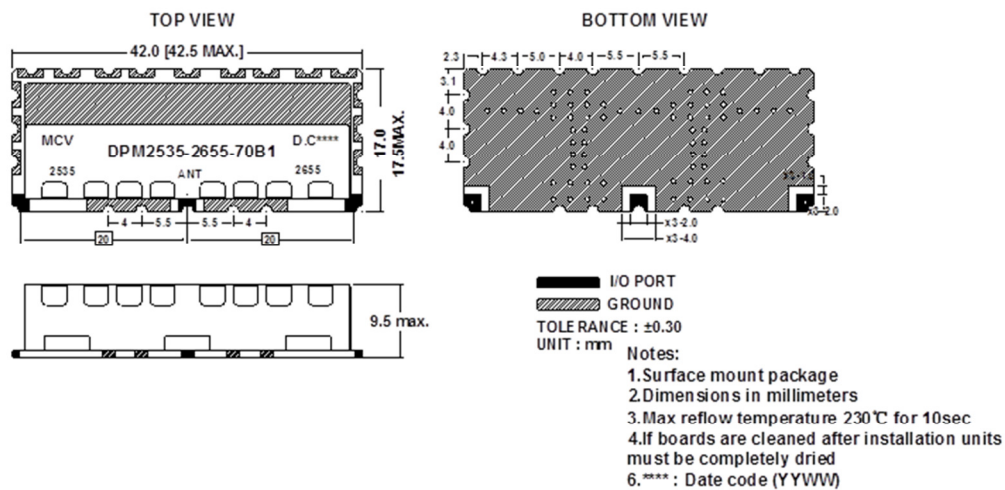
Descriptions

Surface mount ceramic duplexer developed for LTE band-7 applications.

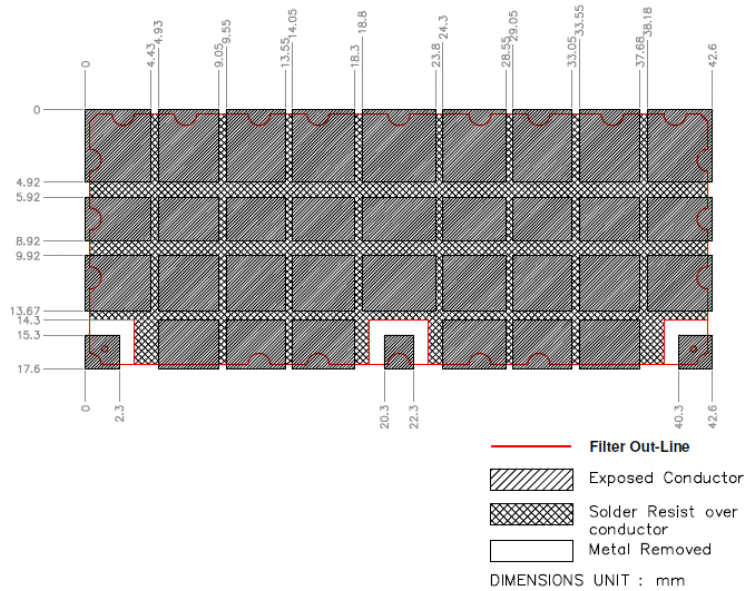
Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|-------------------------------|----------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 2535 | 2655 |
| Passband Frequency Range | MHz | $F_c \pm 35$ (2500 ~ 2570) | $F_c \pm 35$ (2620 ~ 2690) |
| Insertion Loss in Passband | dB | 2.2 max | 2.2 max |
| Ripple in Passband | dB | 1.0 max | 1.0 max |
| Return Loss (VSWR) in Passband | dB | 16 min | 16 min |
| Attenuation at Reject Band | dB | 50min@ 2620 ~ 2690MHz | 50min@ 2500 ~ 2570MHz |
| Power Handling | Watt | 3 max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +85 | |
| Dimensions | mm | 42.5 x 17.5 x 9.5 (L x W x H) | |

Mechanical Drawing



Recommended PCB Layout



Electrical Response

