

Features

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

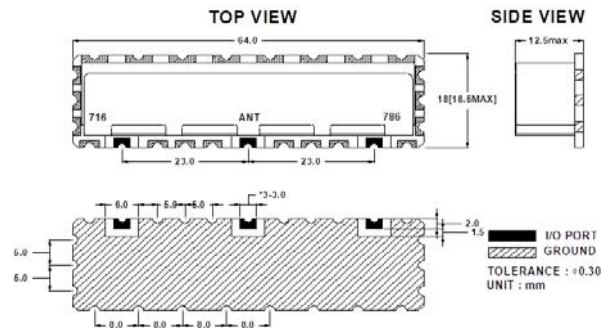
Descriptions

Surface mount mono-block ceramic duplexer developed for UHF band applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|--------------------------------|---------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 716 | 786 |
| Passband Frequency Range | MHz | $F_c \pm 20$ (696~736MHz) | $F_c \pm 20$ (766~806MHz) |
| Insertion Loss in Passband | dB | 3.0 max | 3.0 max |
| Ripple in Passband | dB | 1.0 max | 1.0 max |
| Return Loss (VSWR) in Passband | dB | 15.0 min | 15.0 min |
| Attenuation | dB | 60 min @ 766~806MHz | 60 min @ 696~736MHz |
| Isolation | dB | 60 min @ 696 ~ 806MHz | |
| Power Handling | Watt | 20.0 CW max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -20 ~ +70 | |
| Dimensions (max) | mm | 64.0 x 18.5 x 12.5 (L x W x H) | |

Mechanical drawings



Recommended PCB Layout

