

Features

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

Descriptions

Surface mount discrete resonator ceramic duplexer developed for UHF band applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|-------------------------------|---------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 425 | 495 |
| Passband Frequency Range | MHz | $F_c \pm 15$ (410~440MHz) | $F_c \pm 15$ (480~510MHz) |
| 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 @ 480~510MHz | 60 min @ 410~440MHz |
| Isolation | dB | 60 min @ 410 ~ 510MHz | |
| Power Handling | Watt | 10.0 CW max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +85 | |
| Dimensions (max) | mm | 84.0 x 25.0 x 8.0 (L x W x H) | |

Mechanical Drawing

