

## P/N : RMC902.5 947.5D25M05

### 1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ Cavity Type
- ▶ GSM 25MHz 30W Duplexer
- ▶ RoHS Compliant

### 2. Electrical Specifications

ITEM	Specification	
2-1. Frequency range	Rx: 890MHz~915MHz	Tx: 935MHz~960MHz
2-2. Center frequency (F <sub>0</sub> )	902.5 MHz	947.5 MHz
2-3. Ripple at BW	1.0 dB Max	
2-4. Insertion loss including ripple	1.5 dB Max	
2-5. Return Loss at BW	20dB Min	
2-6. Rejection	80dB @ 935-960MHz	80dB @ 890-915Mhz
2-7. Isolation	40dB Min @890-960MHz	
2-8. Output Power	30W CW *Average Power is RMS power of two CW signals at the Antenna Port and in the Tx Band  ** The IL shall not change when the Antenna Port is terminated with a 12dB return loss load under the specified RF power at least for 5 continuous hours of operation and 73 baseplate temp.	
2-9. Impedance	50Ω nominal	



## 3. Mechanical Specifications

