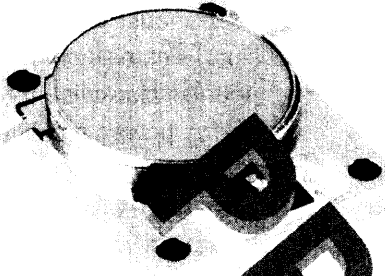


# Model D900X-1C-T1C



## Isolators Drop-In Package



### Description

The D900X-1C-T1C is a low profile isolator in an industry standard 1.00"x1.25" package for GSM band base station transmission. The D900X-1C-T1C is available in clockwise and counter clockwise rotation. The D900X-1C-T1C isolator is intended for higher power amplifier, antenna and filter applications and is an ideal solution for the ever increasing demands of the wireless industry for more economical designs. Parts have been run through rigorous qualification and units are 100% tested.

### Features

- 925 - 960 MHz
- Industry Standard Package
- Exceptional IMD
- Low Insertion Loss
- Available with Attenuator
- 100 Watt Termination
- -10 to +85C Operating

### Electrical Specifications

| Frequency<br>MHz                        | Isolation<br>dB Min                  | Insert. Loss<br>dB Max       | VSWR<br>Max : 1            | Impedance<br>Ohms Nominal |
|---|--------------------------------------|------------------------------|----------------------------|---------------------------|
| 925 - 960                               | 22                                   | 0.30                         | 1.18                       | 50                        |
| Forward Power Rating<br>Watts Peak/Avg. | Rev. Power Rating<br>Watts Peak/Avg. | Operating Temp.<br>Degrees C | Storage Temp.<br>Degrees C |                           |
| 1000/100                                | 1000/100                             | -10 to +85                   | -40 to +100                |                           |

Typical IMD Performance: -70dBm/2x20watt tones  
Specifications Subject to Change without Notice

### Outline Drawing

