

X-Band Circulator

NJC3901RB is designed for the circulator of X-band radar system. It transmits power from the magnetron to the antenna as well as the receiving signal from the antenna to the receiver port.

It is operable at any frequency between 9.30GHz and 9.50GHz.

---- MAXIMUM RATINGS ----

| | | Min | Max | Unit |
|---------------------------|---------|-----|-----|------|
| Continuous handling power | Peak | - | 56 | kW |
| | Average | - | 56 | W |
| Ambient temperature | | -30 | 70 | °C |

---- ELECTRICAL ----

| | Min | Max | Unit |
|-------------------------|-----|-----|------|
| V.S.W.R. (Note 1) | - | 1.2 | - |
| Insertion loss (Note 1) | - | 0.5 | dB |
| Isolation (Note 1) | 20 | - | dB |

Note 1: Measured at power level 0.1mW CW.

For further information on the use of the circulator, Please contact New JRC. New JRC reserves the right to change the specification of goods without notice.

OUTLINE

Note: Dimensions are in mm

NJC3901RB

