

## TWDC-300-004A

### RF Circulator

#### Typical Applications

- Wireless Telecom systems
- IF Applications

#### Main Features

- UHF-Band
- Good Temperature stability
- Drop-in mounting
- High Power Handling



#### Electrical Specifications

| Parameter               | Unit | Specification       |
|-------------------------|------|---------------------|
| Frequency Range         | MHz  | 320 - 330           |
| Isolation               | dB   | 25 min              |
| Insertion Loss          | dB   | < 0.25              |
| VSWR                    |      | 1.15 : 1 max        |
| Power Handling (AVG/PK) | W    | 700 typ. / 5000 max |
| In/Out Impedance        | Ohm  | 50 typ.             |

#### Environment

| Parameter             | Unit | Specification   |
|-----------------------|------|-----------------|
| Operating Temperature | °C   | -10°C to +60°C  |
| Storage Temperature   | °C   | -50°C to +120°C |

Products and Product Information are Subject to Change Without Notice

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Revision : 00

Date : November 09, 2015

**Mechanical Specifications**

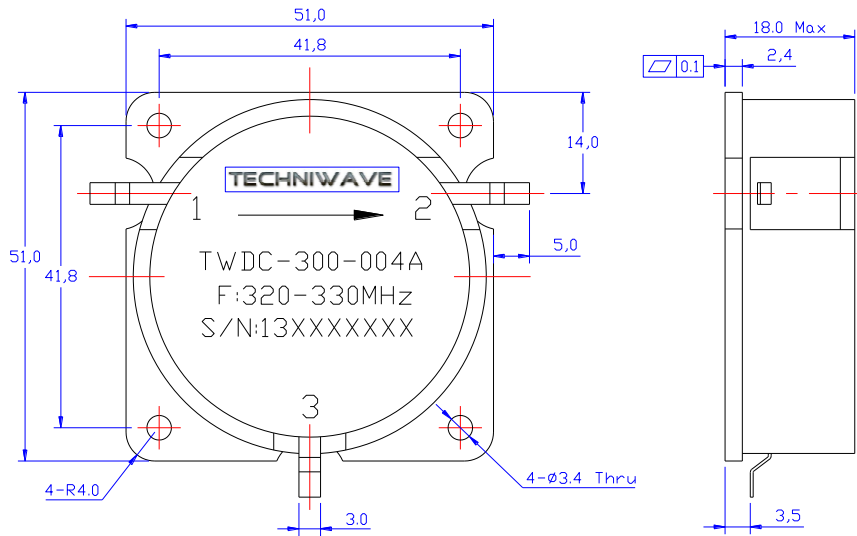
| Parameter             | Unit | Specification |
|-----------------------|------|---------------|
| RF connectors         |      | tabs          |
| Plating (body & tabs) |      | Silver plated |

**Outline drawing**

All dimensions in mm

Direction : 1 to 2 to 3 (Clockwise rotation)

GENERAL PART TOLERANCE IS ±0.1 UNLESS OTHERWISE STATED



**Material**  
 --Body: Steel;  
 --Lead-Free, No Nd Material, BeO Free

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