

TWDC-700-008A

RF Circulator

Typical Applications

- Wireless Telecom systems
- TV Applications
- IF Applications

Main Features

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



Electrical Specifications

Parameter	Unit	Specification
Frequency Range	MHz	700 - 750
Isolation	dB	20 min
Insertion Loss	dB	< 0.20
VSWR		1.20 : 1 max
Power Handling (AVG/PK)	W	500 typ. / 3000 max (100% Reflection Allowed)
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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Mechanical Specifications

RF Circulator

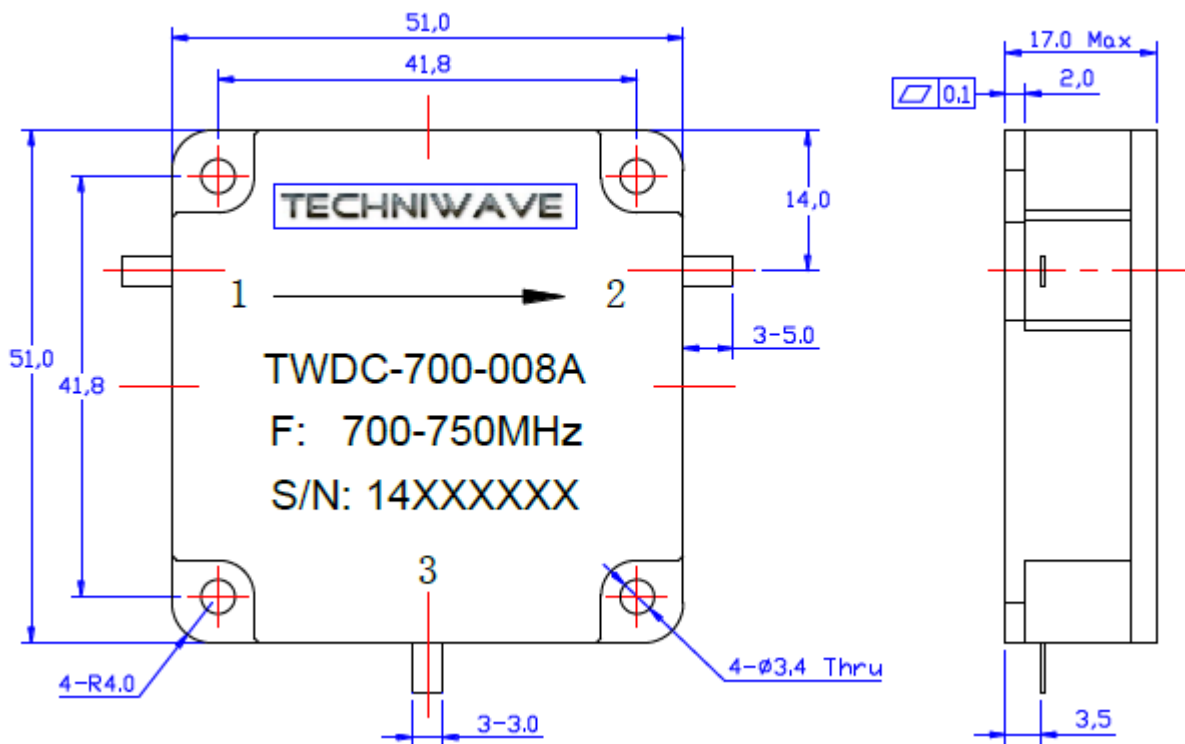
Parameter	Unit	Specification
RF connectors		tabs

Outline drawing

All dimensions in mm

Direction : 1 to 2 to 3 (Clockwise rotation)

GENERAL PART TOLERANCE IS ±0.1 UNLESS OTHERWISE STATED



- Each circulator has to be tested in order to fulfill the phase criteria:
All the circulators must be in Insertion phase tolerance $<+5^\circ$.
- The isolation and the insertion loss at all ports must be guaranteed even for a 500W CW input power.

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