

TWD3I2731-1

RF Coaxial Isolator

Typical Applications

- Microwave Radio & Test Equipment
- SATCOM Applications

Main Features

- Ka-Band Coaxial Isolator
- Low Insertion Loss
- K Connectorized



Electrical Specifications

Parameter	Unit	Specification
Frequency Range	GHz	27 - 31
Isolation	dB	20 min
Insertion Loss	dB	< 0.6
VSWR		1.25 : 1 max
Forward Average Power (1 to 2)	W	5 max CW
Reflective Power (Term.)	W	2 max CW
Peak Power	W	30 max CW
In/Out Impedance	Ohm	50 typ.

Environment

Parameter	Unit	Specification
Operating Temperature	°C	-20°C to +65°C

Products and Product Information are Subject to Change Without Notice

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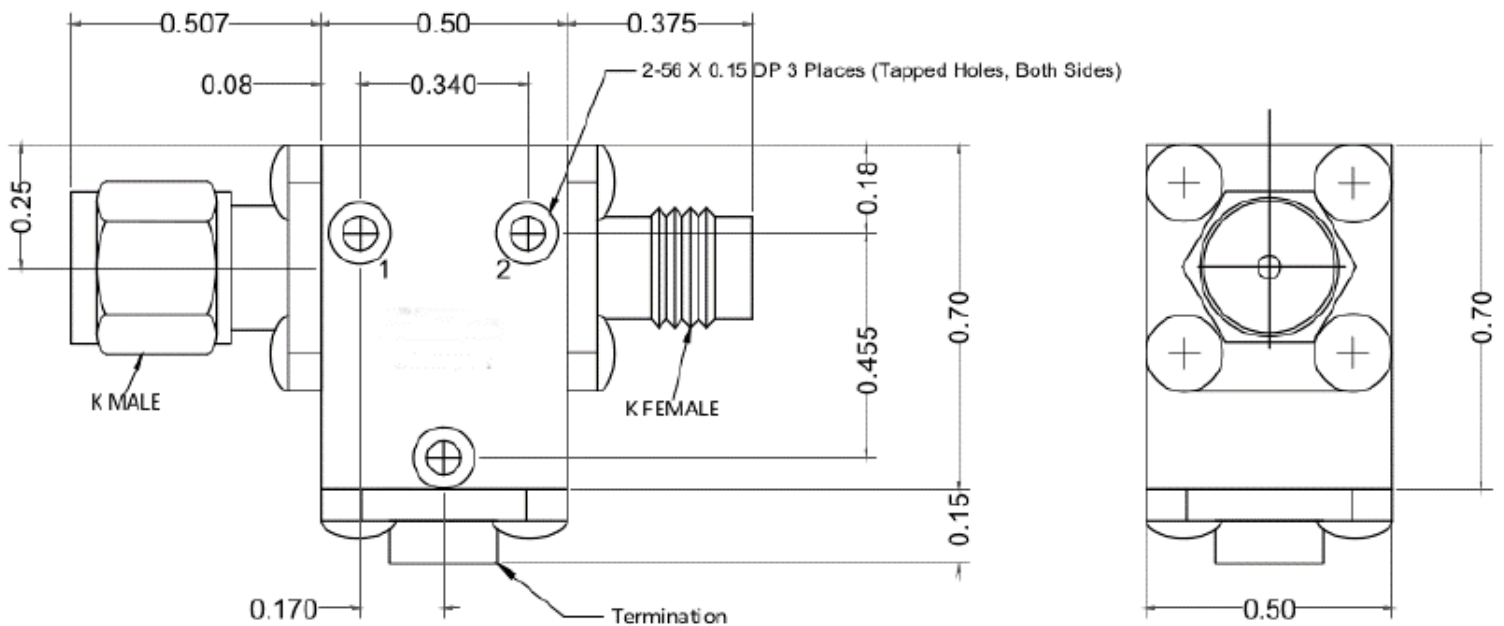
Mechanical Specifications

Parameter	Unit	Specification
RF connectors		K - Female / K – Male, Passivated Stainless Steel
Contact Pins		Beryllium Copper, Gold Plate

Outline drawing

All dimensions in inches

Tolerance : XX+/-0.03, XXX+/-0.01



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