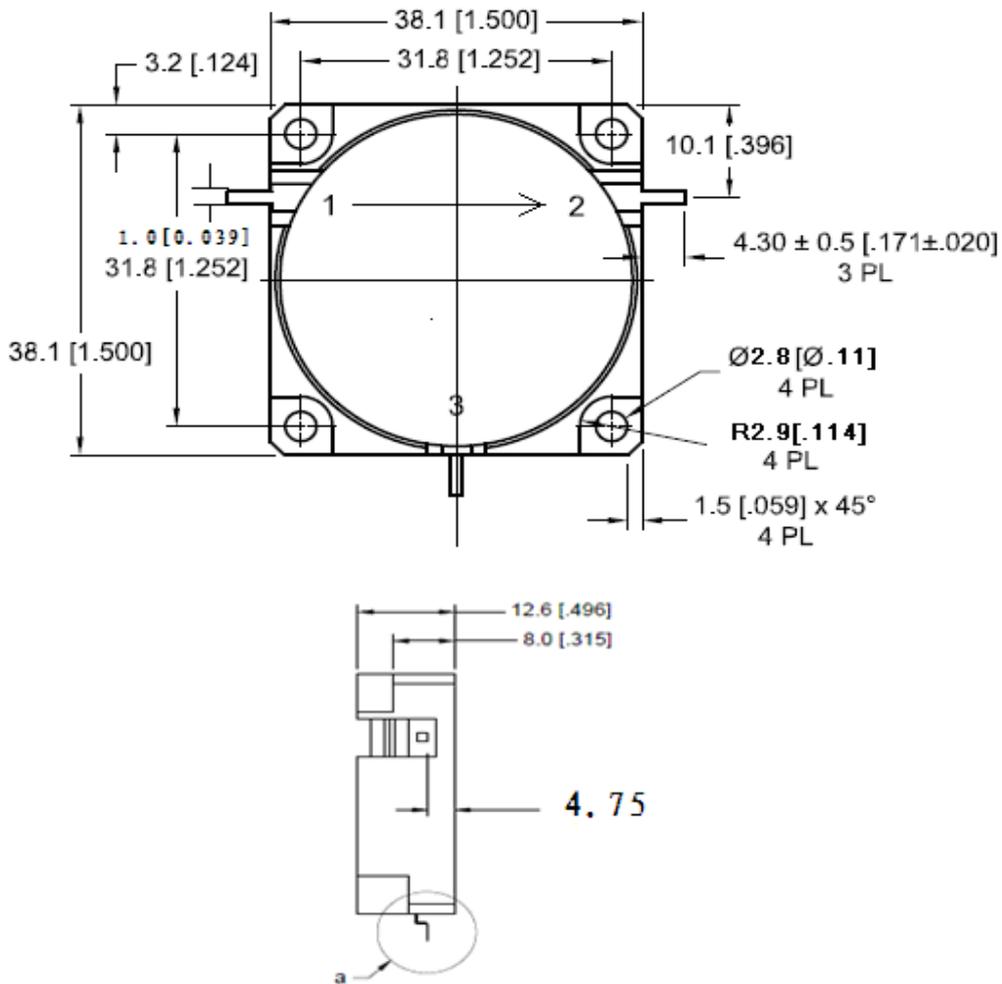


Features

- Microwave Circulators and Isolators for base station
- Metal Package for **drop in**
- Lead-free Production and **RoHS** Compliance

Package Dimensions



<p>Marking</p> <p>****</p> <p>I → O</p> <p>575-595MHz</p> <p>NDC5001</p> <p>L</p>	Top View, Laser Marking					
	"ND":	Manufacturer's mark			"I":	Circulator
	"5001":	Part number			→	Conduct Direction
	"I"	IN	"O"	OUT	"L"	LOAD
		575-595MHz : operating Frequency Range				
	"*":	Lot number (the first two numbers of years and the last two numbers of weeks)				

Maximum Ratings

Rating		Value	Unit
Input Power	P_{CW}	60	W
Peak Power	P_{PX}	200	W
Operating Temperature Range	T_A	-20 ~ +85 At +90°C~+110°C temperature: Power capacity and reliability no Change, other spec. reduce 10%	°C
Storage Temperature Range	T_{stg}	-40 ~ +100	°C

Electrical Characteristics

Reference temperature: $T_A = 25\text{ °C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 50\ \Omega$

Characteristic (-40~+90)		Min.	Typ.	Max.	Unit
Center frequency	f_C	575		595	MHz
Insertion attenuation	IL			0.3	dB
Isolation		23		—	dB
Input Return Loss		23			
Output Return Loss		23			
FDPPM				200	ppm/°C

 **RoHS Compliant**

 **Electrostatic Sensitive Device**

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Our liability is only assumed for the circulator and isolator component(s) per se, not for applications, processes and circuits implemented within components or assemblies.

For questions on technology, prices and delivery, please contact our sales offices or e-mail winnsky@winnsky.com.