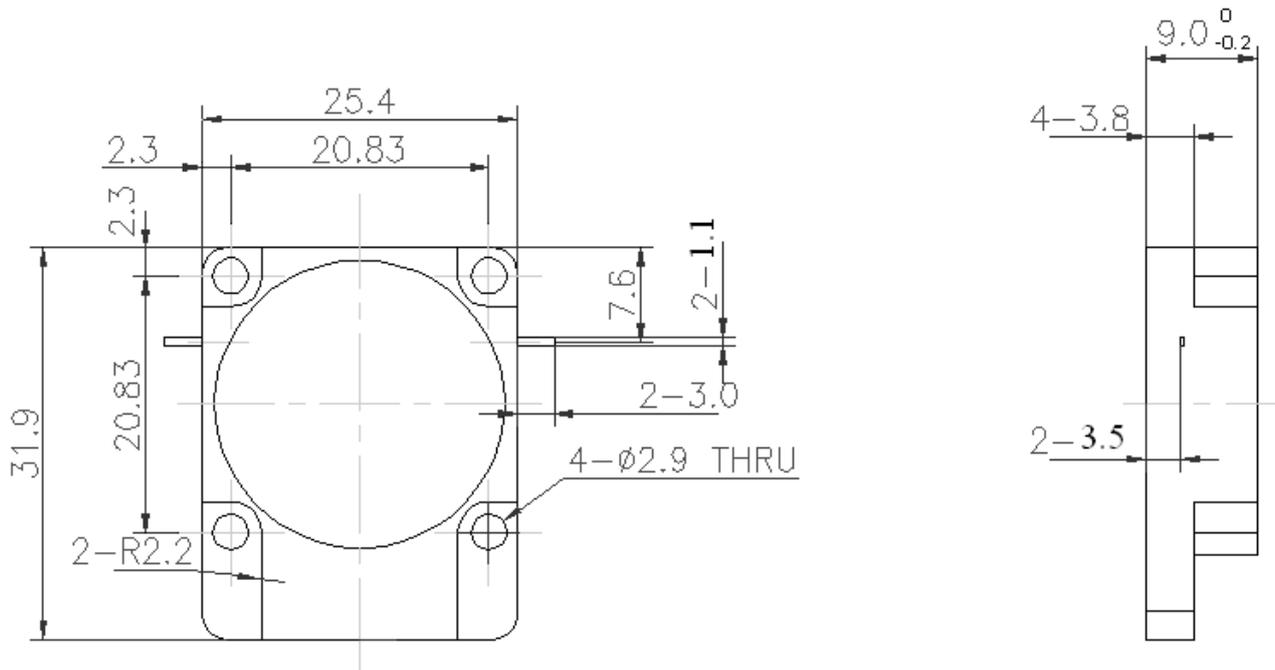


Features

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

Package Dimensions



<p style="text-align: center;">Marking</p> <p style="text-align: center;">****</p> <p style="text-align: center;"> → ○</p> <p style="text-align: center;">869-894MHz</p> <p style="text-align: center;">NDI9029</p>	Top View, Laser Marking					
	"ND":	Manufacturer's mark			"I":	Isolator
	"9029":	Part number				
	"I"	IN	"O"	OUT	→	Conduct Direction
		869-894MHz : operating Frequency Range				
	"*":	Lot number (the first two numbers of years and the last two numbers of weeks)				

Maximum Ratings

Rating	Value	Unit
Average Power	P_{AVG} 100	W

Electrical Characteristics

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

Characteristic		Min.	Typ.	Max.	Unit
Working frequency	f_c	869		894	GHz
Insertion attenuation	IL	—	—	0.20	dB
Isolation	869-894MHz	25	—	—	dB
Input Return Loss	869-894MHz	23.2	—	—	dB
Output Return Loss	869-894MHz	23.2	—	—	dB

 **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.