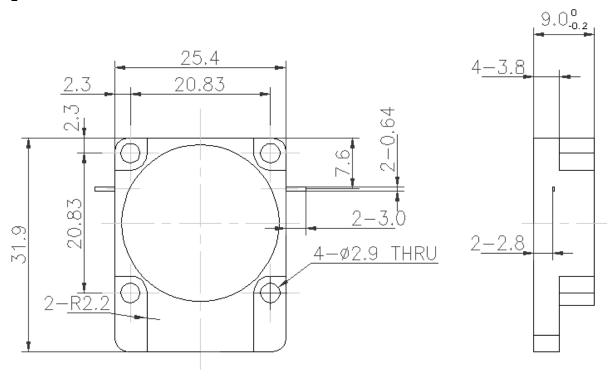
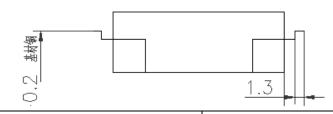


### **Features**

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

# **Package Dimensions**





引脚材料:基材铜,同时保证引脚可焊性



Top View, Laser Marking								
"ND":	Manufacturer's mark			" <b>I</b> ":	Isolator			
"9059	Part number							
"["	IN	"O"	OUT		Conduct Direction			
	420-424MHz : operating Frequency Range							
" <b>*</b> ":	Lot number weeks)	(the first	two numbers	of years and	the last two numbers of			



### **Maximum Ratings**

Rating	Value	Unit	
Average Power	$P_{AVG}$	200	W
Reverse Power	P	60 瓦 20db	
		-10 ~ +70 +90 ~ +100℃ 功率容量不降	
Operating Temperature Range	$T_{A}$	低,其他指标可降低 10%, 长期工作可靠 性不降低	°C
Storage Temperature Range	$T_{ m stg}$	-55 ~ +125	°C
CPK		1.33	
IFR Intrinsic Failure Rate, FITs	Fits	<5	FIT

### **Electrical Characteristics**

 $\begin{array}{ll} \mbox{Reference temperature:} & T_{\mbox{\scriptsize A}} = 25 \ ^{\circ}\!\!\! \text{C} \\ \mbox{Terminating source impedance:} & Z_{\mbox{\scriptsize S}} = 50 \ \Omega \\ \mbox{Terminating load impedance:} & Z_{\mbox{\scriptsize L}} = 50 \ \Omega \\ \end{array}$ 

Characteristic	Min.	Тур.	Max.	Unit	
Working frequency	f <sub>C</sub>	420		424	MHz
Insertion attenuation	IL	_		0.3	dB
Isolation		25		_	dB
Input Return Loss		21			dB
Output Return Loss		21			dB

<sup>®</sup> RoHS Compliant

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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.

Electrostatic Sensitive Device