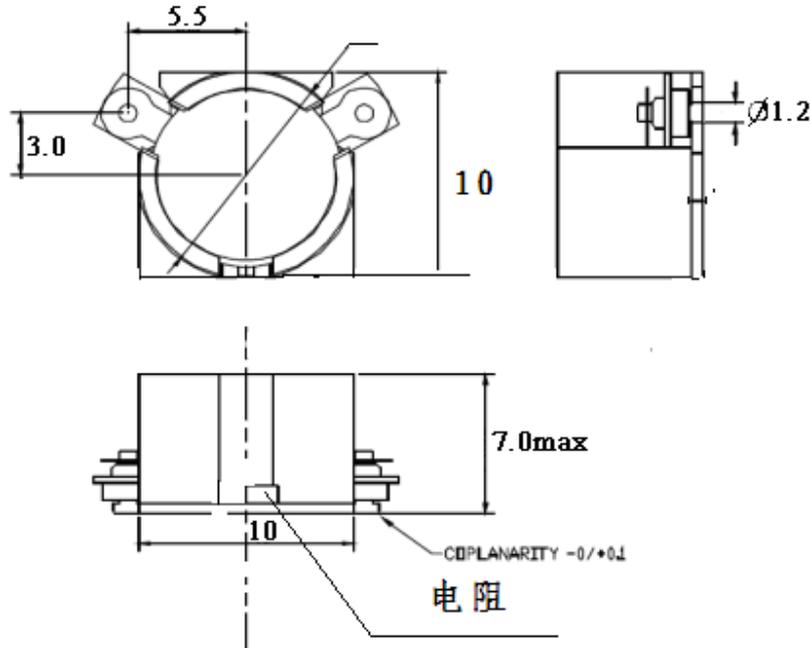


**Features**

- Microwave Circulators and Isolators for base station
- Metal Package for **Surface Mounted Technology (SMT)**
- Lead-free Production and **RoHS** Compliance

**Package Dimensions**



夹具要求: Rogers R04350B, 20mils thick, trace width 42 mils

<p style="text-align: center;"><b>Marking</b></p> <p style="text-align: center;">****</p> <p style="text-align: center;">I → O</p> <p style="text-align: center;">1805-1880MHz</p> <p style="text-align: center;">NDI9077</p>	Top View, Laser Marking				
	"ND":	Manufacturer's mark		"I":	Isolator
	"9077":	Part number		→	Conduct Direction
	"I"	IN	"O"	OUT	
		1805-1880MHz : 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	$P_{CW}$	50	W
Peak Power	$P_{PX}$	200	W
Reverse Power	$P$	30	W
Operating Temperature Range	$T_A$	-40 ~ +90 At +90°C~+110°C temperature: Power capacity and reliability no Change, other spec. reduce 10%	°C
Storage Temperature Range	$T_{stg}$	-40 ~ +150	°C
IFR Intrinsic Failure Rate FITs	$FIT$	5	Fits

**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 (-40~+90)		Min.	Typ.	Max.	Unit
Center frequency	$f_c$	1805		1880	MHz
Insertion attenuation	$IL$	—		0.40	dB
Isolation		18		—	dB
Input Return Loss		18		—	dB
Output Return Loss		18		—	dB

 **RoHS Compliant**

 **Electrostatic Sensitive Device**

© NEDI 2015. All Rights Reserved.

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](mailto:winnsky@winnsky.com).