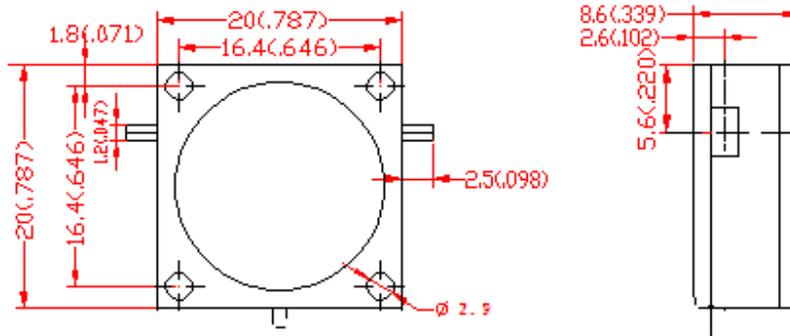


Features

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

Package Dimensions



Marking	Top View, Laser Marking					
		"ND":	Manufacturer's mark			"C":
"8003":		Part number				Conduct Direction
"I"		IN	"O"	OUT	"L"	LOAD
		890-915MHz : operating Frequency Range				
"*":		Lot number (the first two numbers of years and the last two numbers of weeks)				

Code	1	2	3	4	5	6	7	8	9	10	11	12
2015	a	b	c	d	e	f	g	h	i	j	k	m
2016	n	p	q	r	s	t	u	v	w	x	y	z
2017	A	B	C	D	E	F	G	H	J	K	L	M
2018	N	P	Q	R	S	T	U	V	W	X	Y	Z

Maximum Ratings

Rating	Value	Unit
Average Power	P_{PX}	60 W
Operating Temperature Range	T_A	-40 ~ +75 °C

Electrical Characteristics

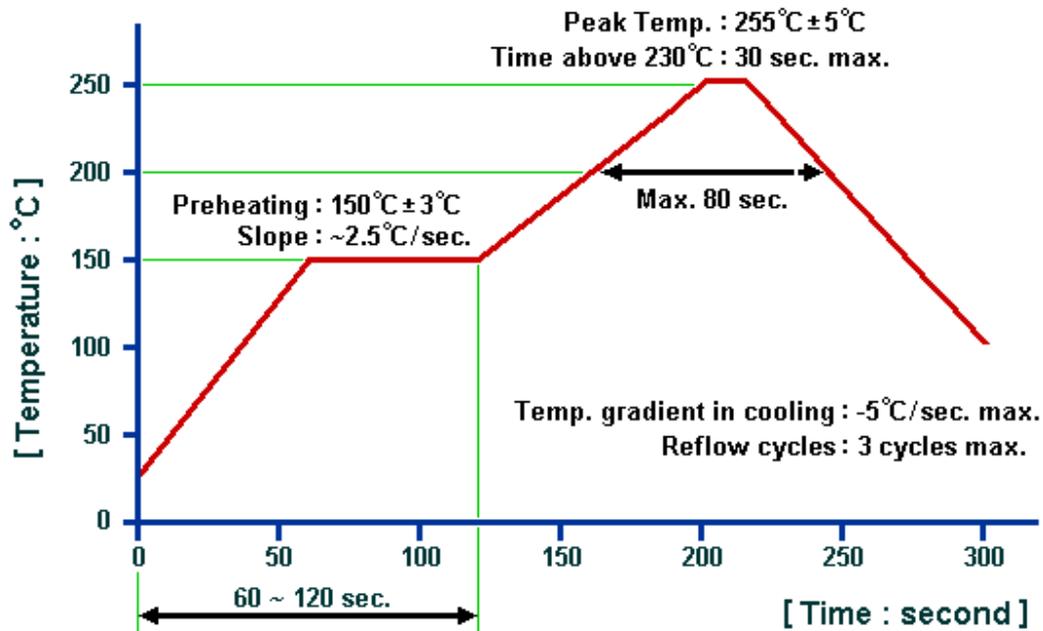
Reference temperature: $T_A = 25\text{ }^\circ\text{C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 50\ \Omega$

Characteristic		Min.	Typ.	Max.	Unit
Working frequency	f_c	890		915	MHz
Insertion attenuation	IL	—	—	0.30	dB
Isolation		23	—	—	dB
Input VSWR		21	—		dB
Output VSWR		21	—		dB

 RoHS Compliant

 Electrostatic Sensitive Device

Recommended Soldering Profile



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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.