

Shenzhen Nordson Bo Communication Co., Ltd

PRODUCT SPECIFICATION

Parameter			Spec			
Product Name			Clockwise SMT Circulator			
Product Model			SC300TB-3300-3800-30-1			
Product Code			101.904.00xx			
Documentation Edition			V1.0			
RoHS			RoHS 2.0			
Parameter	Symbol	Condition	Limits			Unit
			Min	Typ	Max	
Frequency	f		3300-3800			MHz
Isolation		Inband(S12)	20			dB
Return loss	R _L	Inband(S11, S22)	20			dB
Insertion loss	I _L	Inband (S21)			0.50	dB
Input power	P _{IN}	Within freq. range	30			W
Input power, peak		Within freq. range	300			W
Reflected power			30			W
Attenuation		2 x TX	15			dB
		3 x TX	10			dB
Inter modulation distortion, 3:rd order	IM3	10W x 2 tones 1 MHz spacing			-55	dBc
Operating temp. range	T _{opr}	Full data	-40		+110	°C
Storage temp. range	T _{stg}		-40		+125	°C

Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

