

Shenzhen Nordson Bo Communication Co., Ltd

PRODUCT SPECIFICATION

Parameter	Spec
Product Name	Clockwise SMT Circulator
Product Model	SC300TB-4700-5000-20-1
Product Code	101.904.0xxx
Documentation Edition	V1.0
RoHS	RoHS 2.0

Parameter	Symbol	Condition	Limits			Unit
			Min	Typ	Max	
Frequency	f		4700-5000			MHz
Input Impedance, Rea			42		58	Ω
Input Impedance, Imaginary			- 8		8	$j\Omega$
Isolation	Iso	4700-5000MHz	20			dB
Return loss	R _L	4700-5000MHz	20			dB
Insertion loss	I _L	4700-5000MHz			0.3	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	10			dB
		3 x TX	5			dB
Inter modulation distortion, 3:rd order	IM3	10W x 2 tones 1 MHz spacing			-60	dBc
Operating temp. range	T _{opr}	Full data	-40		+110	°C
Storage temp. range	T _{stg}		-50		+125	°C

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

