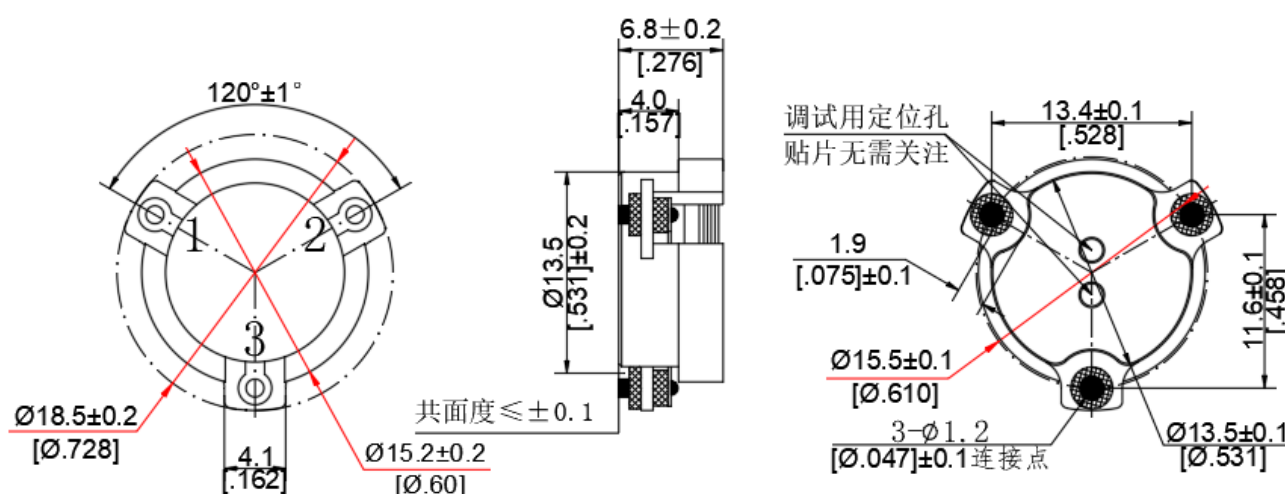


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PRODUCT SPECIFICATION

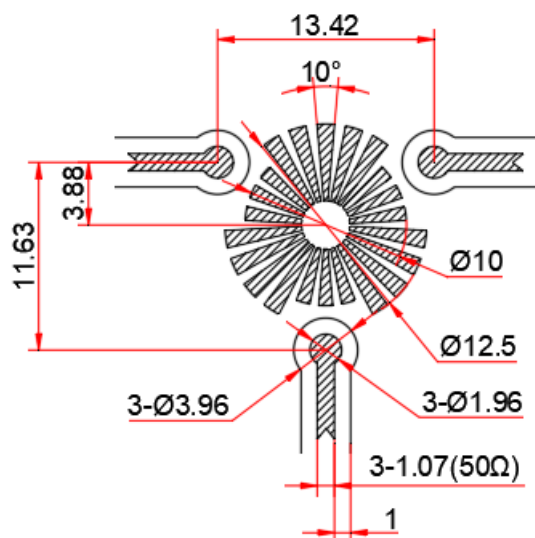
Parameter	Units	Spec
Product Name		Clockwise SMT Circulator
Product Model		SC200SB-2110-2180-100-1
Product Code		101.904.00xx
Documentation Edition		V1.0
RoHS		RoHS 2.0
Frequency Range	MHz	2110-2180
Insertion loss	dB max	0.16 (Temp +25°C)
	dB max	0.20 (Temp -40°C~+115°C)
Isolation	dB min	28.0 (Temp+25°C)
	dB min	25.0 (Temp -40°C~+115°C)
VSWR	max	1.12 (Temp +25°C)
	max	1.15 (Temp -40°C~+115°C)
Power (Forward)	W min	200
Power (Reverse)	W min	200
Peak power	W min	2000
IMD	dBc	≤-70dBc@2x43dBm
Direction of circulation		CW
Plating		Housing: Cu3 Ag4 ; PIN: Ag4
Reflow temperature	°C	260°C max for 10 seconds
Storage Temperature Range	°C	-55°C~+125°C

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



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Installation PCB graphic guide



PCB材质: Rogers4350B 或 S7135

PCB板厚: 20mil

PCB层数: 2

焊盘直径: 器件引脚直径 1.2mm+30mil=1.96mm

50 Ω 线宽: 1.07mm