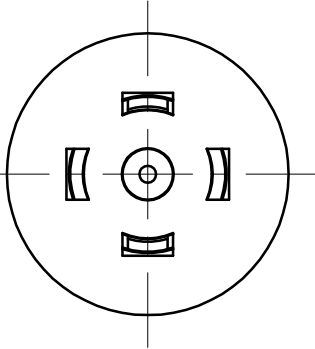
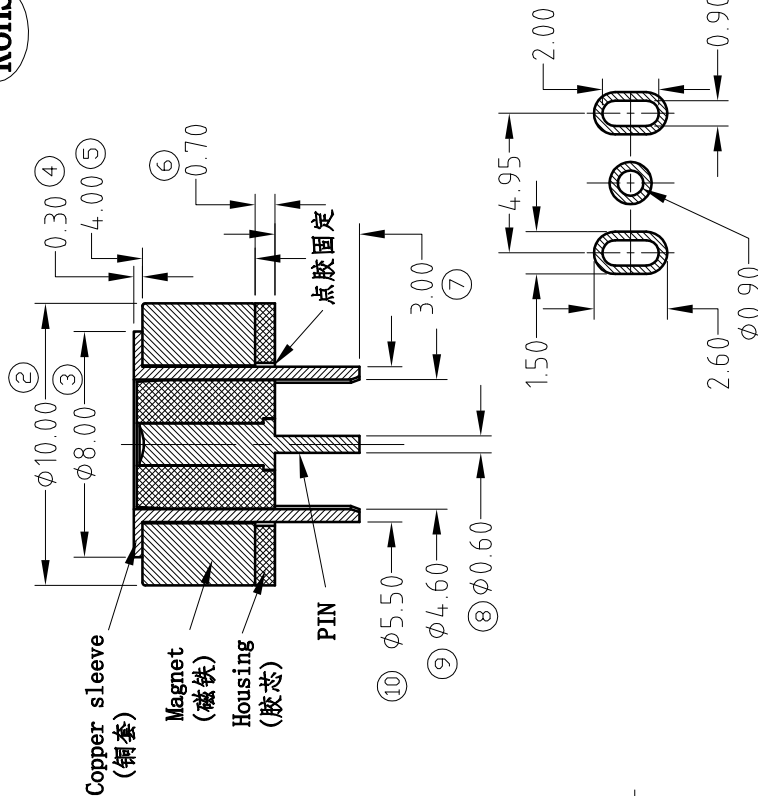
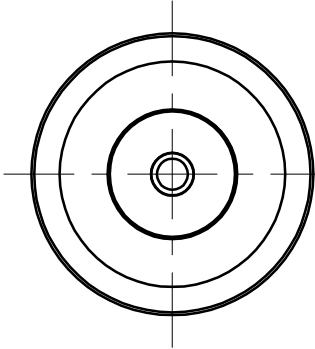
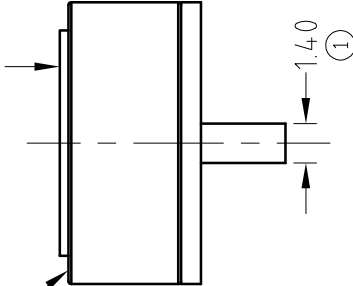


Electrical performance:<电气性能>
.Rated voltage & current: DC 24V; 5A max
<额定电压, 电流: DC 24V, 5A max>
.Single pin Contact resistance: 30 milliohm Max.
<单针接触阻抗: 30 milliohm Max.>
.When the current is more than 1A, then need to add a delay circuit(3 second)
<当电流大于1A时, 则需要增加延时电路(3秒)>
.100% open & short test.
<100%导通, 短路测试>

Environment performance:<环境性能>

.Operating Temp:-30 to +60℃
<工作温度: -30 to +60℃>
.Salt spray test: 5% salt solution, no rust for 24 hours
<盐雾测试:5%盐溶液, 24小时无锈>
."★"Marked is Critical dimension," cpk " Marked is cpk dimension, they must be checked by QC.
<标示"★"是重点尺寸, 标示"cpk"是cpk尺寸, 它们必须被QC检查.
First Part Inspections are marked by ball marker"⊗"
<用球标示的是首件尺寸"⊗">
.The product must be checked for use by male and female
<产品必须做公母对接使用检验>
.The magnetic adsorption force of male and female is 500g Min.
<公母吸附力为500g最小>
.RoHS compliant product
<符合RoHS产品要求>

高斯值:3200±200Gs
(测磁铁表面)



Recommended pcb layout
layout tolerance: ±0.05mm

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SCALE	NA	UNIT:mm	SHEET: 1 of 1	
ANGLE	±2°	A4		
0°6	±0.10			
>6°30	±0.20	DRAW	PART NO.	MFA000203-01A1AF
>30	±0.30	CHECK	FILE NAME	BP142XX
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO	TITLE	Lead Free Female Magnetic connector 无铅母端磁吸连接器

2Pin 黑色 磁吸式连接器

A2	2021.12.10	增加包装料号及ROHS图标
A1	2021.08.11	组装后胶芯脱落增加胶水
REV	DATE 日期	DESCRIPTION描述



® 弹簧针磁吸连接器解决方案商
Pogo Pin Magnetic Connector Solutions