

PCB Mount RCA/Phono Jack

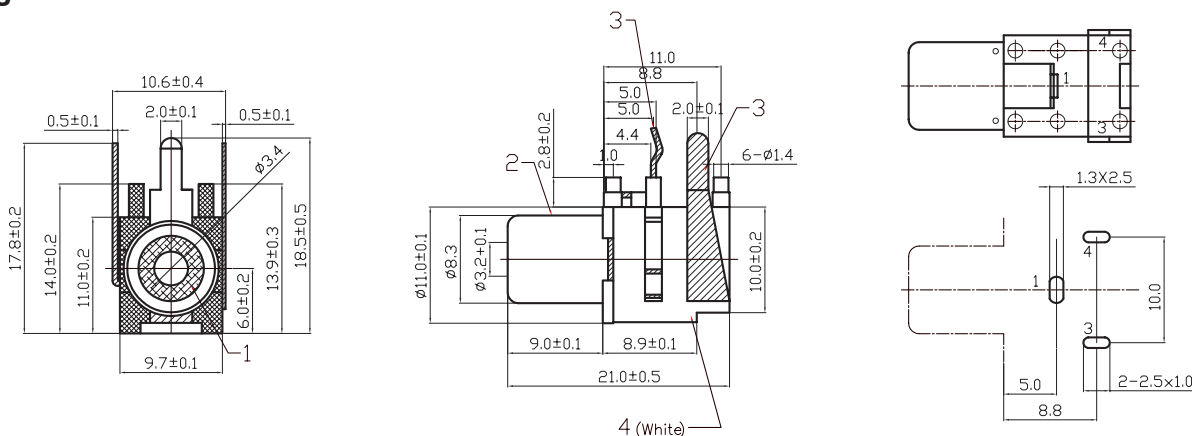
3P, Right Angle



Specifications

Gender	: Jack
External Diameter	: 8.3mm

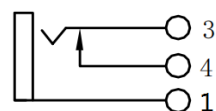
Diagram



Dimensions : Millimetres

Item	Designation	Material
1	Dielectric	ABS
2	RCA Jack	Brass
3	Elastic Contact	Brass
4	Plastic Handle	ABS

Pin Hole Layout
(Jack Bottom View)



SCHEMATIC

Part Number Table

Description	Part Number
PCB Mount RCA/Phono Jack 3P, Right Angle	PSG01546

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规格书

【1】 适用范围 SCOPE

本规格书适用于：RCA 插座系列
This specficatin covers the RCA 4Pitch AV PIN JACK BOARDS SERIES

产品名称 Product Name	产品型号 Part Number
AV 插座系列	

【2】 产品名称及型号 PRODUCT NAME AND PART NUMBER

【3】 定格 RATINGS

项目	Item	规格 Requirement	
最大容许电压	Rated Voltage(MAX)	50V	【AC(有效值 rms)/DC】
最大容许电流	Rated Current(MAX)	0.2A	
使用温度范围	Ambient temperature Range	-40℃～+85℃	

【4】 性能 PERFORMANCE

4. 1 电气性能 ELECTRICAL PERFORMANCE

项目 Item	条件 Test Condition	规格 Requirement
4.1. 1. 接触电阻 Contact Resistance	适合 AV 系列嵌合：开放电压 20mv 以下：短路电流 10mA 的状态下测定。 Mate applicable AV senes and measure by dry circuit, 20mV MAX, 10mA.	≤0.3MAX
4.1.2 绝缘电阻 Insulation Resistance	适合 AV 系列嵌合:相邻插片间或插片与地面间加 DC500V 下测定. Mate applicable AV series and apply 500V DC Between adjacent terminal or ground.	≥100MDC500V
4.1.3 耐电压 Dielectric	适合 AV 系列嵌合:相邻插片间或插片与地面间加 AC500V(有效值)历时 2 分钟下测定. Mate applicableAV series and apply500V AC(rms) For I minute between adjacent eerminsl or gorund.	无击穿现象 No Breakdown

4.2 机械性能 Mechanical Performance

项目 Item	条件 Test condition	规格 Requirement
4.2.1	寿命次数	10000 次
4.2.2	插拔力 Stickpullout power	3~25N

4.3 环境和其他性能 Environmental Performance and Others

项目 Item	条件 Test condition	规格 Requirement
4.3.1		
4.3.2	温度上升 Temperature Rise 适合 AV 系列嵌合:最大容许电流通电,温度测定. Carrying rated current load(UL498)	温度上升 Temperature Rise 30℃ MAX
4.3.3	振动 vibration Vibration10 ~ 500Hz amplitude0.35mm time10Us	外观 Appearance 无损坏 No Damage
	碰撞 collide Undergo40-80order velocity10m/s2 10000order	接触抵抗 Contact 10m
	恒定温度: Exist40 ± 2℃ 90-95 % tempersture 2sky accord ask	Resistance MAX
	耐高温: 温度范围:200℃-220℃	常温 200℃

项目 Item	条件 Test Condition	规格 Requirement
		外观 Appearance 无损坏 No damage
4.4.4	10000 次 1000l/s2 { 50G } ,10000 Strokes in each X.Y.Z. axes	瞬断 Discontinuity Ims.MAX
4.3.5	耐热性 Heat resistancr 适合 AV 系列嵌合:75±2℃的空气中;放置 48 小时;再回到室温中放置 1-2 小时 -40±2℃, 96hours	外观 Appearance 无损坏 No damage
		接触抵抗 Contact Resistance 60M MAX
4.3.6	耐寒性 Cold resistance 适合 AV 系列嵌合:-40±2℃的空气中;放置 48 小时;再回到室温中放置 1-2 小时 -40±2℃, 96hours	外观 Appearance 无损坏 No damage
		接触抵抗 Contact Resistance 60M MAX
4.3.7	耐湿度 适合 AV 系列嵌合:40±2℃、相对湿度 90-95% 空气中; 放置 96 小时; 再回到室温中 0.5 小时内测定 Temperature: 40±2℃ Relative Humidity:90-95% Duration: 96 Hours	外观 Appearance 无损坏 No damage
		接触抵抗 Contact Resistance 60M MAX
		耐电压 Dielectric Strength 必须满足 4.1.3 Must meet 4.1.3

			绝缘抵抗 Insulation Resistance	100M MIN
4.3.8	温度循环 Temperature Cycling	适合 AV 系列:-40~70℃ 2 分钟:常温常湿 5-10 分钟;50±2℃ 分钟;常温常湿 10-15, 循环次. 5 cycles of: (a)-40±2℃ 1h (b)70±2℃ 1h	外观 Appearance	无损坏 No damage
			接触抵抗 Contact Resistance	10M MAX
4.3.9	耐盐雾性 Salt spray	适合 AV 系列嵌合:35±2℃、5±1% 的盐水喷雾 24 小时: 试验后常温水洗; 再室温干燥. 48±4hours exposure to a salt spray from the 5±1% solution at 35±2℃	外观 Appearance	无损坏 No Damage
			接触抵抗 Contact Resistance	10M MAX
4.3.10	耐亚硫酸 SO2 Gas	适合 AV 系列嵌合:40±2℃、50±5ppm 的亚硫酸中放置 24 小时.	接触抵抗	10M

		24 hours exposure to 50±5ppm. SO2 gas at 40±2℃.	Contact Resistance	MAX
4.3.11	耐氨性 NH3 Gas	适合 AV 系列嵌合:浓度为 28% 的氨水容器中; 放置 30 分钟. 30 minutes exposure to NH3 gas evaporating from 28 % Ammonia solution.	外观 Appearance	无损坏 No Damage
			接触抵抗 Contact Resistance	10m MAX
4.3.12	可焊性 Solderability	插片前端基准面 0.5mm 处浸入 235±5℃ 的锡槽中; 历时 2±0.5sec Soldering Time :2±0.5sec Soldering Temperature:235±5℃ 0.5mm from terminal tip	沾敷性 Solder Wetting	沾敷面积 90% 以上
4.3.13	耐焊接热 Resistance to Soldering heat	插片前端基准面 0.5mm 处浸入 235±5℃ 的锡槽中; 历时 2±0.5sec Soldering time :5±0.5sec Soldering temperature:235±5℃ 0.5mm from terminal tip	外观 Appearance	无损坏、变形 No damage