

RJ45C5 R1D 1.9E4G/Y RL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



产品范围包括下列设计：

- 90°，平式（水平）和 180°，立式（垂直）
- 栓锁向上 / 栓锁向下
- THT、THR 或 SMD 焊接工艺
- 多种不同的设计类型，也可集成 LED 和屏蔽接触片
- 性能类别 Cat. 3 至 Cat. 6
- 包装规格为托盘（TY）或卷装（卷带包装，RL）
- 与模块式 RJ45 连接器兼容，符合 ANSI / TIA-1096-A 和 IEC 60603 标准
- 介电强度 ≥ 1500 V AC RMS（2250 V AC 峰值），符合 IEEE 802.3 标准
- 介电强度 ≥ 1500 V AC（峰值）或 ≥ 1500 V DC，符合 IEC 60603 标准

特性和优势：

- 温度范围增大：-40°C 至 +85°C，确保最大的性能
- 增强型镀金层（30μ"），改善防腐蚀保护
- 至少 0.3 mm 的基准距确保完美的焊接效果

通用订货数据

版本	OMNIMATE 数据 - RJ45 模块式接口, PCB 接插件, Cat. 5, THT/THR 焊接联接, 90°, 底部, 6 tabs, 是, 插拔次数: 750, 回路数: 10, PA 9T, Tape
订货号	3139090000
类型	RJ45C5 R1D 1.9E4G/Y RL
数量	
包装	Tape

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技术数据

尺寸和重量

深	21.3 mm	深度 (英寸)	0.8386 inch
高度	17.06 mm	高度 (英寸)	0.6717 inch
最低安装高度	13.76 mm	宽度	15.7 mm
宽度 (英寸)	0.6181 inch		

标准

连接器标准	IEC 60603-7-51
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电气特性

电源连接器耐压强度, 触点-触点, 最小	1500 V DC	介电强度, 触点-触点	1000 V DC
通道电阻	<25 mΩ	绝缘电阻	≥ 500 MΩ
额定电压	125 V	PoE / PoE+	符合 IEEE 802.3at

系统规格

回路数	10
LED	是
焊脚长度 (l)	1.9 mm
安装在印刷线路板上	THT/THR 焊接联接
间距 P (单位: inch)	0.050 "
屏蔽材料	黄铜材质
屏蔽	是
侧面端, 属性	焊接法兰
焊接孔直径公差 (D)	± .1 mm
每回路的焊脚数目	1
联接类型	焊接联接
焊接孔直径 (D)	0.9 mm
目录册	Cat. 5
产品系列	OMNIMATE 数据 - RJ45 模块式接口
间距 P (单位: mm)	1.27 mm
防护等级	IP20
插拔次数	750
出线方向	90°
屏蔽层表面	经镀镍处理的
右侧 LED 的颜色	黄色
屏蔽片	6 tabs
性能类别	Cat. 5
焊接工艺	回流焊, 手动焊接, 波峰焊
栓锁选项	底部
焊针规格	八角形
焊针长度公差	带前缀公差下限 (表示为最小值) -0.5
	带前缀公差上限 (表示为最大值) +0.5
	公差, 单位 mm
焊针长度公差	+0.5 / -0.5 mm
左侧 LED 的颜色	绿色

材料数据

绝缘材料	PA 9T	颜色编码	黑色
比色表 (相似)	RAL 9011	绝缘材料组	II
相比漏电起痕指数 (CTI)	≥ 500	绝缘电阻	≥ 500 MΩ
Moisture Level (MSL)	1	阻燃等级符合 UL 94	V-0

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插针材料	磷铜	触点材料	铜合金
插针镀层	镍镀金	最低存放温度	-40 °C
最高存放温度	85 °C	最低操作温度	-40 °C
最高操作温度	85 °C		

包装

包装	Tape	卷带直径 $\varnothing$ (A)	330 mm
表面电阻	$R_s = 109 - 1012 \Omega$		

重要注意事项

备注

分类

ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

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图纸

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RJ45	G1	R	1	U	3.2	E	4	GY/GY	TY	RJ45G1 R1U 3.2E4GY/GY TY																											
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图例