

特点

- 高性能设计
- 1 级
- RS232 标准接口
- 坚固的镀锌钢外壳
- 机械加工触点
- UL94V-0 绝缘体
- 带有 3.05mm 安装孔的法兰，用于将螺钉安装到面板上
- 焊杯，用于简单的电线端接

RS Pro 高性能 D-Sub 连接器 插座

RS 号: 468-585



RS 认证产品为您提供所有产品类别的专业品质部件。我们的产品系列经过工程师测试、提供与领先品牌相当的质量、而无需支付高昂的价格。

产品说明

RS PRO 高性能 D-Sub 连接器，采用坚固的镀锡钢制外壳和焊杯端子，可轻松连接电线。这些 D-Sub 连接器是性能 1 级，超过了 DIN2 类，具有 RS232 标准接口并符合 BS9523 F0010 和 F0018。此超微型连接器的引脚是优质机械加工引脚，并且具有法兰，预钻 3.05mm 直径的孔，可轻松安装在面板的任一侧。这些 D-Sub 连接器特别适用于广泛的工业和商业应用中的 I/O（输入/输出）互连。

一般规格

| | |
|---------|---|
| 联系人数量 | 50 |
| 性别 | 母 |
| 身体方向 | 直向 |
| 安装类型 | 面板安装 |
| d 连接器 | 标准的 d - 1 级 |
| 子壳体大小 | D |
| 终止方法 | 焊接 |
| 外壳材料 | 钢 |
| 尺寸 | 66.93 x 15.37mm |
| 触点材料 | 铜合金 |
| 触点镀层 | 金 |
| 应用 | 计算机、显示器和扫描仪、网络和通信设备；数据处理设备、工业设备、测试和测量仪器、远程传感器和数据记录仪、便携式发电设备 |
| 性能级别 | 1 ; 2 或 3 |
| 物料易燃性等级 | UL94 V-0 |

D-Sub 连接器

电气规格

| | |
|------|------------------------|
| 额定电流 | 5.0A |
| 额定电压 | 750V |
| 触点电阻 | 5x10 ³ . 欧姆 |
| 绝缘电阻 | 5x10 ⁹ . 欧姆 |

机械规格

| | |
|------|-----------------------------|
| 长度 | 66.93mm |
| 深度 | 15.37mm |
| 有线住宿 | <0.5mm ² (20AWG) |

操作环境规格

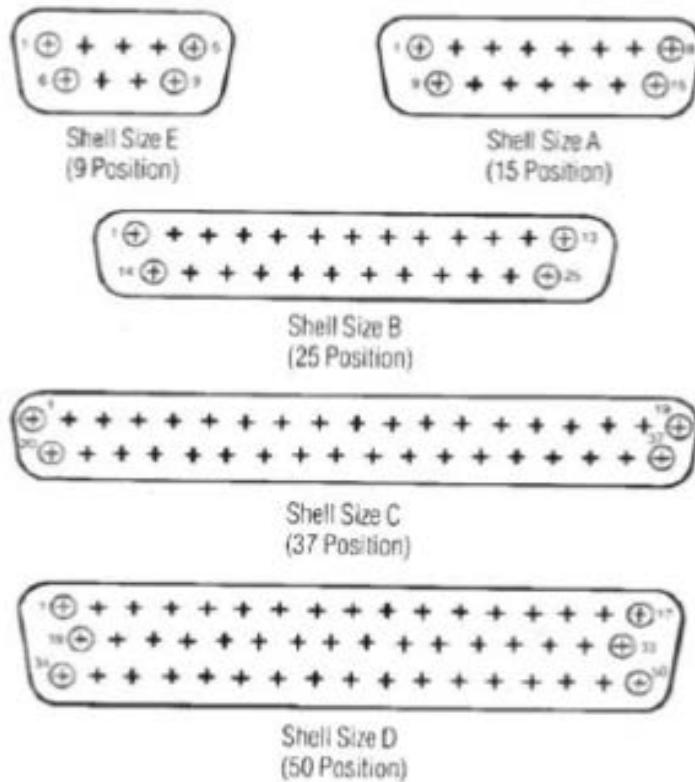
| | |
|--------|--------|
| 最高工作温度 | +125°C |
| 最低工作温度 | -55°C |

认证

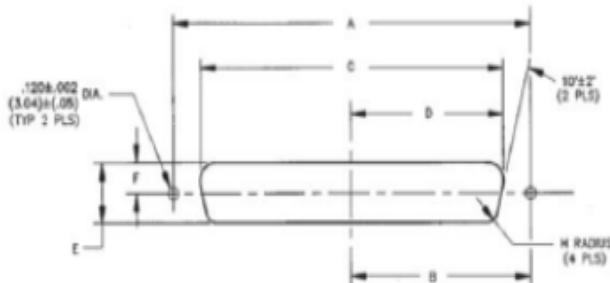
| | |
|----------|---|
| 合规性 / 认证 | BS9523 F0010 和 din41652/mil-240308 、 BS9523 F0018 和 din F0018 |
|----------|---|



Standard Density Plug Inserts



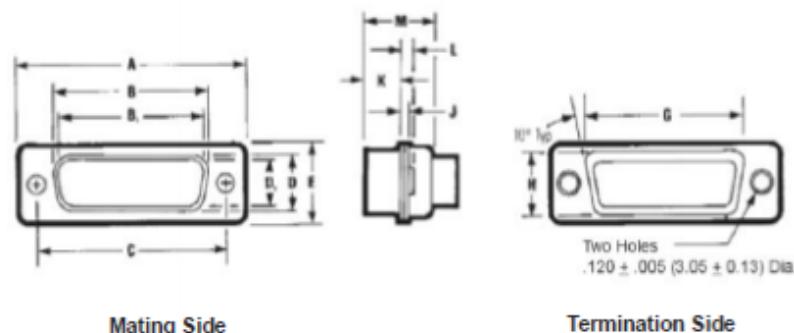
Panel Mounting Specifications



Dimensions

| | | Mounting Method | | | | | | | | | | | | | | |
|------------|-----------|------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| Shell Size | Positions | Front/Rear Panel | A in | A mm | B in | B mm | C in | C mm | D in | D mm | E in | E mm | F in | F mm | H in | H mm |
| E | 9 | Front | 0.98 | 24.89 | 0.49 | 12.45 | 0.87 | 22.10 | 0.44 | 11.18 | 0.51 | 12.95 | 0.26 | 6.60 | 0.08 | 2.03 |
| | | Rear | 0.98 | 24.89 | 0.49 | 12.45 | 0.81 | 20.57 | 0.40 | 10.16 | 0.45 | 11.43 | 0.23 | 5.84 | 0.13 | 3.30 |
| A | 15 | Front | 1.31 | 33.27 | 0.66 | 16.76 | 1.10 | 27.94 | 0.60 | 15.24 | 0.51 | 12.95 | 0.26 | 6.60 | 0.08 | 2.03 |
| | | Rear | 1.31 | 33.27 | 0.66 | 16.76 | 1.13 | 28.70 | 0.57 | 14.48 | 0.45 | 11.43 | 0.23 | 5.84 | 0.13 | 3.30 |
| B | 25 | Front | 1.85 | 46.99 | 0.93 | 23.62 | 1.74 | 44.20 | 0.87 | 22.10 | 0.51 | 12.95 | 0.26 | 6.60 | 0.08 | 2.03 |
| | | Rear | 1.85 | 46.99 | 0.93 | 23.62 | 1.67 | 42.42 | 0.84 | 21.34 | 0.45 | 11.43 | 0.23 | 5.84 | 0.13 | 3.30 |
| C | 37 | Front | 2.50 | 63.50 | 1.25 | 31.75 | 2.39 | 60.71 | 1.20 | 30.48 | 0.51 | 12.95 | 0.26 | 6.60 | 0.08 | 2.03 |
| | | Rear | 2.50 | 63.50 | 1.25 | 31.75 | 2.33 | 59.18 | 1.16 | 29.46 | 0.45 | 11.43 | 0.23 | 5.84 | 0.13 | 3.30 |
| D | 50 | Front | 2.41 | 61.21 | 1.20 | 30.48 | 2.30 | 58.42 | 1.15 | 29.21 | 0.62 | 15.75 | 0.31 | 6.60 | 0.08 | 2.03 |
| | | Rear | 2.41 | 61.21 | 1.20 | 30.48 | 2.22 | 56.39 | 1.11 | 28.19 | 0.56 | 14.22 | 0.28 | 5.84 | 0.13 | 3.30 |

D-Sub 连接器



Mating Side

Termination Side

| Shell Size | Connector Positions | A ±.015" (0.38mm) | | B ±.010" (0.25mm) | | B ₁ ±.005" (0.13 mm) | | C ±.005" (0.13mm) | | D ±.010" (0.25mm) | | D ₁ ±.010" (0.25mm) | | E ±.010" (0.25mm) | |
|------------|---------------------|-------------------|-------|-------------------|-------|---------------------------------|-------|-------------------|-------|-------------------|-------|--------------------------------|-------|-------------------|-------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| E | 9 Plug | 1.213 | 30.81 | — | — | .666 | 16.90 | 0.984 | 24.99 | — | — | .329 | 8.40 | .494 | 12.55 |
| | 9 Socket | 1.213 | 30.81 | .640 | 16.26 | — | — | 0.984 | 24.99 | .308 | 7.82 | — | — | .494 | 12.55 |
| A | 15 Plug | 1.541 | 39.14 | — | — | .994 | 25.30 | 1.312 | 33.32 | — | — | .329 | 8.40 | .494 | 12.55 |
| | 15 Socket | 1.541 | 39.14 | .968 | 24.59 | — | — | 1.312 | 33.32 | .308 | 7.82 | — | — | .494 | 12.55 |
| B | 25 Plug | 2.088 | 53.04 | — | — | 1.534 | 39.00 | 1.852 | 47.04 | — | — | .329 | 8.40 | .494 | 12.55 |
| | 25 Socket | 2.088 | 53.04 | 1.508 | 38.30 | — | — | 1.852 | 47.04 | .308 | 7.82 | — | — | .494 | 12.55 |
| C | 37 Plug | 2.729 | 69.32 | — | — | 2.182 | 55.40 | 2.500 | 63.50 | — | — | .329 | 8.40 | .494 | 12.55 |
| | 37 Socket | 2.729 | 69.32 | 2.156 | 54.76 | — | — | 2.500 | 63.50 | .308 | 7.82 | — | — | .494 | 12.55 |
| D | 50 Plug | 2.635 | 66.93 | — | — | 2.079 | 52.80 | 2.406 | 61.11 | — | — | .436 | 11.07 | .605 | 15.37 |
| | 50 Socket | 2.635 | 66.93 | 2.062 | 52.34 | — | — | 2.406 | 61.11 | .420 | 10.67 | — | — | .605 | 15.37 |

| Shell Size | Connector Type | G ±.010" (0.25mm) | | H ±.010" (0.25mm) | | J ±.010" (0.25 mm) | | K ±.005" (0.25mm) | | L ±.010" (0.25mm) | | M ±.010" (0.25mm) | |
|------------|----------------|-------------------|-------|-------------------|-------|--------------------|------|-------------------|------|-------------------|------|-------------------|-------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| E | 9 Plug | .750 | 19.28 | .422 | 10.72 | .030 | 0.76 | .236 | 5.99 | .045 | 1.14 | .422 | 10.72 |
| | 9 Socket | .750 | 19.28 | .422 | 10.72 | .030 | 0.76 | .243 | 6.17 | .045 | 1.14 | .429 | 10.92 |
| A | 15 Plug | 1.083 | 27.51 | .422 | 10.72 | .030 | 0.76 | .236 | 5.99 | .045 | 1.14 | .422 | 10.72 |
| | 15 Socket | 1.083 | 27.51 | .422 | 10.72 | .030 | 0.76 | .253 | 6.17 | .045 | 1.14 | .429 | 10.92 |
| B | 25 Plug | 1.625 | 41.27 | .422 | 10.72 | .039 | 0.99 | .231 | 5.87 | .060 | 1.52 | .426 | 10.82 |
| | 25 Socket | 1.625 | 41.27 | .422 | 10.72 | .030 | 0.76 | .243 | 6.17 | .045 | 1.14 | .429 | 10.92 |
| C | 37 Plug | 2.272 | 57.71 | .422 | 10.72 | .039 | 0.99 | .231 | 5.87 | .060 | 1.52 | .426 | 10.82 |
| | 37 Socket | 2.272 | 57.71 | .422 | 10.72 | .030 | 0.76 | .243 | 6.17 | .045 | 1.14 | .429 | 10.92 |
| D | 50 Plug | 2.178 | 55.32 | .534 | 13.56 | .039 | 0.99 | .231 | 5.87 | .060 | 1.52 | .426 | 10.82 |
| | 50 Socket | 2.178 | 55.32 | .534 | 13.56 | .030 | 0.76 | .243 | 6.17 | .045 | 1.14 | .429 | 10.92 |

B and D are outside dimensions for socket. D and B are inside dimensions for plug.