

Datasheet

W81936 Series, 2.54mm Pitch 36 Way 1 Row Right Angle PCB Header, Solder Termination

RS Stock number [251-8430](#)



Specifications:

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| Resistance: | 20Milliohm max. |
| Current Rating: | 1 amp max. |
| Dielectric withstanding Voltage: | AC 650V RMS at sea level |
| Material: | Half hard brass |
| Plating: | 6.0 microns pure bright tin over 2.5microns nickel |
| Material: | 30% glass fibre-reinforced polyester (PBT) |
| Insulation resistance: | 5000MΩ (contact to contact) at 500VDC |
| Arc resistance: | 145 seconds at 23°C |
| Electrical strength: | 121KV/cm at 23°C |
| Dielectric constant: | 3.9 (48hrs 90% RH) at 100Hz 23°C 4.5 at 100Hz 121°C 3.7 (48hrs 90% RH) at 1MHz 23°C 4.3 at 1MHz 121°C |
| Dissipation factor: | 0.0077 (48hrs 30% RH) at 100Hz 23°C 0.0300 at 100Hz 121°C 0.0150 (48hrs 30% RH) at 1MHz 23°C 0.0200 at 1MHz 121°C |
| Volume resistivity: | 3 x 10 ¹³ Ω-CM (48hrs 90% RH) at 25°C 10 ¹³ Ω-CM at 121°C |
| Operating temperature: | -65°C to 150°C |
| Flammability: | UL94V-0 |

Drawing (mm):

