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10106263-B006003LF

10106263-B006003LF

10106263-B006003LF - PwrBlade+™ : 24S+8HP+4ACP PF Right Angle Header

ACTIVE

RoHS Compliant

Distributor Stock

Print Datasheet

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Contact our sales/technical support

Sample request

Customer drawing

Environmental Compliance Report

Specifications

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Mating Half

General	Dimensional	Electrical	Mechanical	Physical	Approvals / Certifications	Mounting	Other Features
General							
First Make Last Break (FMLB)					No		
Gender					Header		
Guided Mating					Guide Pin		
Number of contacts (Total - Power)					11		
Number of contacts (Total - Signal)					24		
Orientation					Right Angle		
Polarization					Yes		
Tail Options					3.05mm Press-Fit		
Mating half					PwrBlade+™ Right Angle Headers		
Number of rows (Power)					1		
Number of rows (Signal)					4		
Dimensional							
Spacing (Center line - Power)					7.62 mm (0.30 in.)/5.72 mm(0.23 in.)		
Spacing (Center line - Signal)					2.54 mm (0.1 in.)		
Electrical							
Current rating					See Product Specification (GS-12-658)		
Resistance (Contact)					Maximum for mated pair is 0.7 mΩ		
Resistance (Insulation)					≥ 1 MΩ after Environmental Test Conditions		
Voltage rating					1000V per Low Power/Signal Contact, 2500V per High Power Contact		
Mechanical							
Durability (Mating cycles)					500		
Insertion force					Maximum 5N per High Power Contact and 1N per Low Power/Signal Contact		
Physical							
Color (Housing)					Black		
Material (Housing)					Lead-Free, Glass-Filled, High-Temp Thermoplastic (UL94V-0)		
Plating (Contact area)					0.76 μm (30 μin.) Precious metal		
Plating (Tail - Power)					2 μm (78 μin.) Tin		
Plating (Tail - Signal)					2 μm (78 μin.) Tin		
Temperature (Operating - range)					-40°C to +125°C		
Approvals / Certifications							
Approvals / Certifications					UL Approved		
UL File Number					E66906		
Mounting							
Retention feature (Board)					Board Lock		
Other Features							
Header Pin Pattern (Left to Right)					Signal/Power		
Packaging (Type)					Trays		
System Application					Select Spacing, Standard Loading		
Literature					TBD		

Disclaimer : The information above is for reference only. For more technical details, refer to product specification and application specification.