

10061913-100CLF - PCI Express : Surface Mount Card Edge Connector, 36 Positions



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Specifications

Approvals / Certifications	
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Mechanical	
Durability (Mating cycles)	50
Withdrawal Force	0.15N minimum per Contact pair
Mating force	1.15N maximum per Contact pair
Dimensional	
Thickness (Board)	1.56 mm (0.062 in.)
PCB Thickness (Add-In)	1.57 mm (0.062 in.)
Electrical	
Current rating	1.1 amps per contact
Resistance (Contact)	30 milli ohms max. (Initial) with 10 milli ohms max. change after Exposure Testing
Resistance (Insulation)	1000 M-ohms
Voltage rating	300V AC
General	
Component Type	Surface Mount Connector
Number of contacts (Total)	36 (x1)
Orientation (Features)	Plastic Post
Mounting	
Solder process	Reflow Solder
Other Features	
Packaging (Type)	Tray with Cap
Physical	
Color (Housing)	Black
Material (Contact)	Copper Alloy
Material (Housing)	High - Temperature Nylon, Glass - Filled, UL94V-0
Plating (Contact area)	0.76 μm (30 $\mu\text{in.}$) Gold over 1.27 μm (50 $\mu\text{in.}$) Nickel
Plating (Solder area)	2.54 μm (100 $\mu\text{in.}$) Tin over 1.27 μm (50 $\mu\text{in.}$) Nickel
Temperature (Range)	-55°C to +85°C