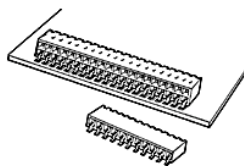


**71609-335LF - DUBOX™ : 70**  
**Position Horizontal Card**  
**Connector, Surface Mount,**  
**Double row**



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### Mating Half

▶ 68020-170HLF

▶ 68021-170HLF

### Specifications

<b>General</b>	
Hold Down Style	No Locating Pegs
Number of contacts (per row)	35
Number of contacts (Total)	70
Number of rows	2
Orientation	Horizontal
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	71609
<b>Dimensional</b>	
Thickness (Board)	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
Footprint (Board)	2.54 mm x 11.43 mm (0.1 in. x 0.45 in.)
<b>Electrical</b>	
Current rating	3A max. per Contact/2A max. per Contact for Full Load
Resistance (Contact)	15 milli ohms Initial, 20 milli ohms After test
Resistance (Insulation)	100000 M-ohms
Voltage rating	1000V rms
<b>Mechanical</b>	
Insertion force	1.50N (150 gf) per Contact
Withdrawal Force	0.3N (30 gf) min. per Contact
<b>Mounting</b>	
Solder process	Wave IR Vapor - Phase
<b>Physical</b>	
Color (Housing)	Grey
Material (Contact)	Phosphor Bronze

<b>Material (Housing)</b>	High Temperature Thermoplastic
<b>Plating (Contact area)</b>	0.76 µm (30 µin.) Gold
<b>Plating (Tail)</b>	2.54 µm (100 µin.) Tin
<b>Underplating (Contact)</b>	1.27 µm (50 µin.) Nickel
<b>Flammability rating</b>	UL 94 V-0
<b>Temperature (Range)</b>	-65 °C to +125 °C
<b>Approvals / Certifications</b>	
<b>UL File Number</b>	E66906
<b>Approvals / Certifications</b>	UL and CSA Approved

