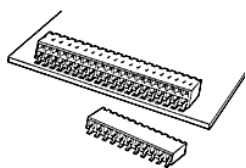


**71609-330LF - DUBOX™ : 60**  
**Position Horizontal Card**  
**Connector, Surface Mount,**  
**Double row**



[www.fci.com](http://www.fci.com)

### Mating Half

▷ 68020-160HLF

▷ 68021-160HLF

### Specifications

<b>General</b>	
<b>Hold Down Style</b>	No Locating Pegs
<b>Number of contacts (per row)</b>	30
<b>Number of contacts (Total)</b>	60
<b>Number of rows</b>	2
<b>Orientation</b>	Horizontal
<b>Packaging</b>	Tube
<b>Mating half</b>	Mates with 0.64 mm (0.025 in.) Square pins.
<b>Series Number</b>	71609
<b>Dimensional</b>	
<b>Thickness (Board)</b>	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
<b>Footprint (Board)</b>	2.54 mm x 11.43 mm (0.1 in. x 0.45 in.)
<b>Electrical</b>	
<b>Current rating</b>	3A max. per Contact/2A max. per Contact for Full Load
<b>Resistance (Contact)</b>	15 milli ohms Initial, 20 milli ohms After test
<b>Resistance (Insulation)</b>	100000 M-ohms
<b>Voltage rating</b>	1000V rms
<b>Mechanical</b>	
<b>Insertion force</b>	1.50N (150 gf) per Contact
<b>Withdrawal Force</b>	0.3N (30 gf) min. per Contact
<b>Mounting</b>	
<b>Solder process</b>	Wave IR Vapor - Phase
<b>Physical</b>	
<b>Color (Housing)</b>	Grey
<b>Material (Contact)</b>	Phosphor Bronze

<b>Material (Housing)</b>	High Temperature Thermoplastic
<b>Plating (Contact area)</b>	0.76 $\mu\text{m}$ (30 $\mu\text{in.}$ ) Gold
<b>Plating (Tail)</b>	2.54 $\mu\text{m}$ (100 $\mu\text{in.}$ ) Tin
<b>Underplating (Contact)</b>	1.27 $\mu\text{m}$ (50 $\mu\text{in.}$ ) 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

