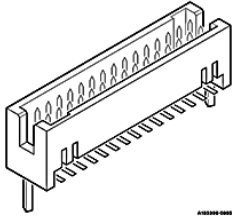


**87401-130 - Rib-Cage™ : Surface Mount  
Vertical Shrouded PCB Header, 60  
Positions, Plain Mounting style**




ACTIVE



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

**Mating Half**

 87022-630LF

**Alternate Products**

87409-130LF

**Specifications**

**Approvals / Certifications**

<b>UL File Number</b>	E66906
<b>CSA File Number</b>	LR46923
<b>Approvals / Certifications</b>	UL and CSA Approved

**Mechanical**

<b>Durability (Mating cycles)</b>	200 min.
<b>Withdrawal Force</b>	43 grams (1.5oz) min. per Contact
<b>Mating force</b>	157g (5.5oz) max. per Contact

**Dimensional**

<b>Lead Span</b>	5.08 mm (0.2 in.)
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**Electrical**

<b>Current rating</b>	1A DC
<b>Resistance (Contact)</b>	20 m ohms max. Initial, 25 m ohms max. after Environmental Test
<b>Resistance (Insulation)</b>	50000 M-ohms min. Initial
<b>Voltage rating</b>	800V AC

**General**

<b>Gender</b>	Header
<b>Mate Polarization</b>	Yes
<b>Number of contacts (Total)</b>	60
<b>Number of rows</b>	2
<b>Orientation</b>	Vertical

**Mounting**

<b>Mounting style</b>	Surface Mount
<b>Mounting style (Board)</b>	Plain
<b>Solder process</b>	IR, Vapor - Phase

**Other Features**

<b>Most Popular Configuration</b>	Not applicable
<b>Packaging (Type)</b>	Tube
<b>Comments</b>	For mounting to 0.062 boards, Others available
<b>Literature</b>	950521-010

**Physical**

<b>Color (Housing)</b>	Natural
<b>Material (Contact)</b>	Copper Alloy
<b>Material (Housing)</b>	LCP, UL 94 V-0
<b>Plating (Contact area)</b>	0.76 $\mu\text{m}$ (30 $\mu\text{in.}$ ) Gold/GXT
<b>Plating (Tail)</b>	2.54 $\mu\text{m}$ (100 $\mu\text{in.}$ ) Pure Tin
<b>Underplating (Contact)</b>	1.27 $\mu\text{m}$ (50 $\mu\text{in.}$ ) Nickel
<b>Temperature (Range)</b>	-55°C to +130°C