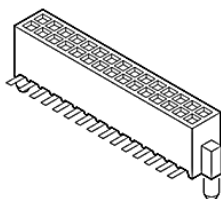



87024-625LF - Rib-Cage™ : Surface Mount PCB Receptacle, 50 Positions, Locator Mounting style



www.fci.com

Mating Half

 87849-125LF

Specifications

Approvals / Certifications

| | |
|----------------------------|---------------------|
| UL File Number | E66906 |
| CSA File Number | LR46923 |
| Approvals / Certifications | UL and CSA Approved |

Mechanical

| | |
|----------------------------|-----------------------------------|
| Durability (Mating cycles) | 200 min. |
| Withdrawal Force | 43 grams (1.5oz) min. per Contact |
| Mating force | 157g (5.5oz) max. per Contact |

Dimensional

| | |
|----------------|-----------------------------|
| Height (Mated) | Determined by mating header |
| Lead Span | 4.7 mm (0.185 in.) |

Electrical

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

General

| | |
|----------------------------|------------|
| Gender | Receptacle |
| Mate Polarization | Yes |
| Number of contacts (Total) | 50 |
| Number of rows | 2 |
| Orientation | Vertical |

Mounting

| | |
|------------------------|-------------------|
| Mounting style | Surface Mount |
| Mounting style (Board) | Locator |
| Solder process | IR, Vapor - Phase |

Other Features

| | |
|--|------|
| Popular Configuration (Customer Prototyping) | Yes |
| Most Popular Configuration | Yes |
| Packaging (Type) | Tube |

| | |
|-------------------------------|--|
| Comments | For mounting to 0.062 boards, Others available |
| Literature | 950521-010 |
| Physical | |
| Color (Housing) | Natural |
| Material (Contact) | Copper Alloy |
| Material (Housing) | LCP, UL 94 V-0 |
| Plating (Contact area) | 0.76 µm (30 µin.) Gold/GXT |
| Plating (Tail) | 2.54 µm (100 µin.) Pure Tin |
| Underplating (Contact) | Nickel |
| Temperature (Range) | -55°C to +130°C |