



### 55510-004LF Information

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For Reference Only

**Part Number** 55510-004LF **Manufacturer** Amphenol FCI

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** CONN RCPT 4POS SMD GOLD

Package -

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# 55510-004LF Specifications

| Manufacturer Part Number     55510-004LF       Manufacturer     Amphenol FCI       Category     Connectors, Interconnects       Rectangular Connectors - Headers, Receptacles, Female Sockets       Package     -       Series     Minitek?       Connector Type     Receptacle       Contact Type     Female Socket       Style     Board to Board       Number of Positions     4       Number of Positions Loaded     All       Pitch - Mating     0.079" (2.00mm)       Number of Rows     2       Row Spacing - Mating     0.079" (2.00mm)       Mounting Type     Surface Mount       Termination     Solder       Fastening Type     Push-Pull       Contact Finish - Mating     Gold       Contact Finish Thickness - Mating     1.97µin (0.05µm)       Insulation Color     Black       Insulation Height     0.177" (4.50mm)       Contact Length - Post     -       Operating Temperature     -55°C ~ 125°C       Material Flammability Rating     UL94 V-0 |                                   |   |
|--|-----------------------------------|---|
| Category         Connectors, Interconnects           Package         -           Series         Minitek?           Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         2           Row Spacing - Mating         0.079" (2.00mm)           Mounting Type         Surface Mount           Termination         Solder           Pastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         1.97µin (0.05µm)           Insulation Color         Black           Insulation Height         0.177" (4.50mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C  | Manufacturer Part Number          | 55510-004LF   |
| Rectangular Connectors - Headers, Receptacles, Female Sockets  Package - Series Minitek? Connector Type Receptacle Contact Type Female Socket Style Board to Board Number of Positions 4 Number of Positions Loaded All Pitch - Mating 0.079" (2.00mm) Number of Rows 2 Row Spacing - Mating 0.079" (2.00mm) Mounting Type Surface Mount Termination Solder Fastening Type Push-Pull Contact Finish - Mating Contact Finish Thickness - Mating Insulation Color Black Insulation Height Contact Length - Post Operating Temperature -55°C ~ 125°C  | Manufacturer                      | Amphenol FCI  |
| Package         -           Series         Minitek?           Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         2           Row Spacing - Mating         0.079" (2.00mm)           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         1.97μin (0.05μm)           Insulation Color         Black           Insulation Height         0.177" (4.50mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C   | Category                          | Connectors, Interconnects                                     |
| Series         Minitek?           Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         2           Row Spacing - Mating         0.079" (2.00mm)           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         1.97μin (0.05μm)           Insulation Color         Black           Insulation Height         0.177" (4.50mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C   |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |
| Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         2           Row Spacing - Mating         0.079" (2.00mm)           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         1.97μin (0.05μm)           Insulation Color         Black           Insulation Height         0.177" (4.50mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C   | Package                           | -   |
| Contact Type Female Socket  Style Board to Board  Number of Positions 4  Number of Positions Loaded All  Pitch - Mating 0.079" (2.00mm)  Number of Rows 2  Row Spacing - Mating 0.079" (2.00mm)  Mounting Type Surface Mount  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 1.97µin (0.05µm)  Insulation Color Black  Insulation Height 0.177" (4.50mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C  | Series                            | Minitek?  |
| StyleBoard to BoardNumber of Positions4Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97µin (0.05µm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C   | Connector Type                    | Receptacle  |
| Number of Positions4Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C  | Contact Type                      | Female Socket   |
| Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C  | Style                             | Board to Board  |
| Pitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C   | Number of Positions               | 4   |
| Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C  | Number of Positions Loaded        | All   |
| Row Spacing - Mating0.079" (2.00mm)Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C   | Pitch - Mating                    | 0.079" (2.00mm)   |
| Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating1.97μin (0.05μm)Insulation ColorBlackInsulation Height0.177" (4.50mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C  | Number of Rows                    | 2   |
| Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 1.97 $\mu$ in (0.05 $\mu$ m)  Insulation Color Black  Insulation Height 0.177" (4.50mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C  | Row Spacing - Mating              | 0.079" (2.00mm)   |
| Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 1.97 $\mu$ in (0.05 $\mu$ m)  Insulation Color Black  Insulation Height 0.177" (4.50mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C  | Mounting Type                     | Surface Mount   |
| Contact Finish - Mating Gold  Contact Finish Thickness - Mating 1.97 $\mu$ in (0.05 $\mu$ m)  Insulation Color Black  Insulation Height 0.177" (4.50mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C  | Termination                       | Solder  |
| Contact Finish Thickness - Mating 1.97 $\mu$ in (0.05 $\mu$ m)  Insulation Color Black  Insulation Height 0.177" (4.50mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C  | Fastening Type                    | Push-Pull   |
| Insulation Color  Black Insulation Height  0.177" (4.50mm)  Contact Length - Post  Operating Temperature  -55°C ~ 125°C  | Contact Finish - Mating           | Gold  |
| Insulation Height $0.177" (4.50mm)$<br>Contact Length - Post - $-55^{\circ}$ C ~ $125^{\circ}$ C   | Contact Finish Thickness - Mating | 1.97µin (0.05µm)  |
| Contact Length - Post - Operating Temperature -55°C ~ 125°C  | Insulation Color                  | Black   |
| Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$   | Insulation Height                 | 0.177" (4.50mm)   |
|  | Contact Length - Post             | -   |
| Material Flammability Rating UL94 V-0  | Operating Temperature             | -55°C ~ 125°C   |
|  | Material Flammability Rating      | UL94 V-0  |

| Contact Finish - Post  | Tin            |
|------------------------|----------------|
| Mated Stacking Heights | -              |
| Ingress Protection     | -              |
| Features               | -              |
|                        | Report errors? |

#### 55510-004LF Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### 55510-004LF Payment Methods



















### 55510-004LF Shipping Methods













If you have any question about 55510-004LF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com