

### 15-44-4509 Information

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For Reference Only

**Part Number** 15-44-4509

ManufacturerMolex Connector CorporationCategoryConnectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** CONN RECEPT 18POS .100 VERT PCB

Package -

For the pricing/inventory/lead time, please contact

us

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



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## **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.









## 15-44-4509 Specifications

Manufacturer Part Number         15-44-4509           Manufacturer         Molex Connector Corporation           Category         Connectors, Interconnects           Rectangular Connectors - Headers, Receptacles, Female Sockets           Package         -           Series         C-Grid? 70192           Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board or Cable           Number of Positions         18           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         2           Row Spacing - Mating         0.100" (2.54mm)           Mounting Type         Through Hole           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         30µin (0.76µm)           Insulation Height         0.340" (8.64mm)           Contact Length - Post         0.120" (3.05mm)           Operating Temperature         -40°C ~ 105°C		
Category         Connectors, Interconnects           Package         -           Series         C-Grid? 70192           Connector Type         Receptacle           Contact Type         Female Socket           Style         Board to Board or Cable           Number of Positions         18           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         2           Row Spacing - Mating         0.100" (2.54mm)           Mounting Type         Through Hole           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         30μin (0.76μm)           Insulation Color         Black           Insulation Height         0.340" (8.64mm)           Contact Length - Post         0.120" (3.05mm)           Operating Temperature         -40°C ~ 105°C	Manufacturer Part Number	15-44-4509
Rectangular Connectors - Headers, Receptacles, Female Sockets  Package - Series C-Grid? 70192 Connector Type Receptacle Contact Type Female Socket Style Board to Board or Cable Number of Positions 18 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 2 Row Spacing - Mating 0.100" (2.54mm) Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating Insulation Color Black Insulation Height Contact Length - Post 0.120" (3.05mm) Operating Temperature -40°C ~ 105°C	Manufacturer	Molex Connector Corporation
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SeriesC-Grid? 70192Connector TypeReceptacleContact TypeFemale SocketStyleBoard to Board or CableNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector Type  Contact Type  Female Socket  Style  Board to Board or Cable  Number of Positions  18  Number of Positions Loaded  All  Pitch - Mating  0.100" (2.54mm)  Number of Rows  2  Row Spacing - Mating  Mounting Type  Through Hole  Termination  Solder  Fastening Type  Push-Pull  Contact Finish - Mating  Gold  Contact Finish Thickness - Mating  Insulation Color  Insulation Height  Contact Length - Post  0.120" (3.05mm)  Operating Temperature  40°C ~ 105°C	Package	-
Contact TypeFemale SocketStyleBoard to Board or CableNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30μin (0.76μm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C	Series	C-Grid? 70192
Style Board to Board or Cable  Number of Positions 18  Number of Positions Loaded All  Pitch - Mating 0.100" (2.54mm)  Number of Rows 2  Row Spacing - Mating 0.100" (2.54mm)  Mounting Type Through Hole  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 30µin (0.76µm)  Insulation Color Black  Insulation Height 0.340" (8.64mm)  Contact Length - Post 0.120" (3.05mm)  Operating Temperature -40°C ~ 105°C	Connector Type	Receptacle
Number of Positions         18           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         2           Row Spacing - Mating         0.100" (2.54mm)           Mounting Type         Through Hole           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         30μin (0.76μm)           Insulation Color         Black           Insulation Height         0.340" (8.64mm)           Contact Length - Post         0.120" (3.05mm)           Operating Temperature         -40°C ~ 105°C	Contact Type	Female Socket
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30μin (0.76μm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C	Style	Board to Board or Cable
Pitch - Mating $0.100"$ (2.54mm)Number of Rows2Row Spacing - Mating $0.100"$ (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating $30\mu in (0.76\mu m)$ Insulation ColorBlackInsulation Height $0.340"$ (8.64mm)Contact Length - Post $0.120"$ (3.05mm)Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$	Number of Positions	18
Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30μin (0.76μm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C	Number of Positions Loaded	All
Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30μin (0.76μm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C	Pitch - Mating	0.100" (2.54mm)
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30μin (0.76μm)Insulation ColorBlackInsulation Height0.340" (8.64mm)Contact Length - Post0.120" (3.05mm)Operating Temperature-40°C ~ 105°C	Number of Rows	2
TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating $30μin (0.76μm)$ Insulation ColorBlackInsulation Height $0.340" (8.64mm)$ Contact Length - Post $0.120" (3.05mm)$ Operating Temperature $-40°C \sim 105°C$	Row Spacing - Mating	0.100" (2.54mm)
Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating $30\mu$ in $(0.76\mu$ m)  Insulation Color Black  Insulation Height $0.340$ " $(8.64$ mm)  Contact Length - Post $0.120$ " $(3.05$ mm)  Operating Temperature $-40$ °C $\sim 105$ °C	Mounting Type	Through Hole
Contact Finish - Mating Gold  Contact Finish Thickness - Mating $30\mu in (0.76\mu m)$ Insulation Color Black  Insulation Height $0.340'' (8.64mm)$ Contact Length - Post $0.120'' (3.05mm)$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Termination	Solder
Contact Finish Thickness - Mating $30\mu$ in $(0.76\mu$ m)  Insulation Color Black  Insulation Height $0.340^{\circ}$ (8.64mm)  Contact Length - Post $0.120^{\circ}$ (3.05mm)  Operating Temperature $-40^{\circ}$ C $\sim 105^{\circ}$ C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.340"$ (8.64mm)Contact Length - Post $0.120"$ (3.05mm)Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Contact Finish - Mating	Gold
Insulation Height $0.340" (8.64mm)$ Contact Length - Post $0.120" (3.05mm)$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Contact Finish Thickness - Mating	30μin (0.76μm)
Contact Length - Post $0.120" (3.05 \text{mm})$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Insulation Color	Black
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Insulation Height	0.340" (8.64mm)
	Contact Length - Post	0.120" (3.05mm)
77.0477.0	Operating Temperature	-40°C ~ 105°C
Material Flammability Rating UL94 V-0	Material Flammability Rating	UL94 V-0

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

## 15-44-4509 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.

## 15-44-4509 Payment Methods



















# 15-44-4509 Shipping Methods













If you have any question about 15-44-4509, please do not hesitate to contact us!

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