

### M52-5002045 Information



For Reference Only

Part Number M52-5002045 Manufacturer Harwin Inc.

Category Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** CONN RCPT 20POS T/H 1.27MM GOLD

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.









# **M52-5002045 Specifications**

Manufacturer Part Number         M52-5002045           Manufacturer         Harwin Inc.           Category         Connectors, Interconnects           Rectangular Connectors - Headers, Receptacles, Female Sockets           Package         -           Series         Archer M52           Connector Type         Receptacle           Contact Type         Forked           Style         Board to Board           Number of Positions         20           Number of Positions Loaded         All           Pitch - Mating         0.050" (1.27mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.181" (4.60mm)           Contact Length - Post         0.118" (3.00mm)           Operating Temperature         -40°C ~ 105°C           Material Flammability Rating         UL94 V-0		
Category         Connectors, Interconnects           Package         -           Series         Archer M52           Connector Type         Receptacle           Contact Type         Forked           Style         Board to Board           Number of Positions         20           Number of Positions Loaded         All           Pitch - Mating         0.050" (1.27mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.181" (4.60mm)           Contact Length - Post         0.118" (3.00mm)           Operating Temperature         -40°C ~ 105°C	Manufacturer Part Number	M52-5002045
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Style Board to Board  Number of Positions 20  Number of Positions Loaded All  Pitch - Mating 0.050" (1.27mm)  Number of Rows 1  Row Spacing - Mating -  Mounting Type Through Hole  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.181" (4.60mm)  Contact Length - Post 0.118" (3.00mm)  Operating Temperature -40°C ~ 105°C	Connector Type	Receptacle
Number of Positions 20 Number of Positions Loaded All Pitch - Mating 0.050" (1.27mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating - Insulation Color Black Insulation Height 0.181" (4.60mm) Contact Length - Post 0.118" (3.00mm) Operating Temperature -40°C ~ 105°C	Contact Type	Forked
Number of Positions LoadedAllPitch - Mating0.050" (1.27mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.181" (4.60mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Style	Board to Board
Pitch - Mating0.050" (1.27mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.181" (4.60mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Number of Positions	20
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.181" (4.60mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Number of Positions Loaded	All
Row Spacing - Mating  Mounting Type  Through Hole  Termination  Solder  Fastening Type  Push-Pull  Contact Finish - Mating  Gold  Contact Finish Thickness - Mating  Insulation Color  Black  Insulation Height  O.181" (4.60mm)  Contact Length - Post  Operating Temperature  -40°C ~ 105°C	Pitch - Mating	0.050" (1.27mm)
Mounting Type Through Hole  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.181" (4.60mm)  Contact Length - Post 0.118" (3.00mm)  Operating Temperature -40°C ~ 105°C	Number of Rows	1
Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.181" (4.60mm)  Contact Length - Post 0.118" (3.00mm)  Operating Temperature -40°C ~ 105°C	Row Spacing - Mating	-
Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.181" (4.60mm)  Contact Length - Post 0.118" (3.00mm)  Operating Temperature -40°C ~ 105°C	Mounting Type	Through Hole
Contact Finish - Mating Contact Finish Thickness - Mating Insulation Color Black Insulation Height 0.181" (4.60mm) Contact Length - Post 0.118" (3.00mm) Operating Temperature -40°C ~ 105°C	Termination	Solder
Contact Finish Thickness - Mating  Insulation Color  Black  Insulation Height  0.181" (4.60mm)  Contact Length - Post  0.118" (3.00mm)  Operating Temperature  -40°C ~ 105°C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.181"$ (4.60mm)Contact Length - Post $0.118"$ (3.00mm)Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Contact Finish - Mating	Gold
Insulation Height $0.181" (4.60mm)$ Contact Length - Post $0.118" (3.00mm)$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Contact Finish Thickness - Mating	-
Contact Length - Post $0.118'' (3.00 \text{mm})$ 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	0.181" (4.60mm)
	Contact Length - Post	0.118" (3.00mm)
Material Flammability Rating UL94 V-0	Operating Temperature	-40°C ~ 105°C
	Material Flammability Rating	UL94 V-0

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

#### **M52-5002045 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.

### M52-5002045 Payment Methods



















## M52-5002045 Shipping Methods













If you have any question about M52-5002045, please do not hesitate to contact us!

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