

**81040-520203 Information**


For Reference Only

**Part Number** [81040-520203](#)  
**Manufacturer** 3M  
**Category** Connectors, Interconnects  
[Rectangular Connectors - Headers, Male Pins](#)  
**Description** CONN HEADER 40POS R/A  
**Package** -  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**81040-520203 Specifications**

Manufacturer Part Number	<a href="#">81040-520203</a>
Manufacturer	3M
Category	Connectors, Interconnects <a href="#">Rectangular Connectors - Headers, Male Pins</a>
Package	-
Series	810
Connector Type	Header
Contact Type	Male Pin
Pitch - Mating	0.050" (1.27mm)
Style	Board to Cable/Wire
Shrouding	Shrouded - 4 Wall
Number of Positions	40
Number of Positions Loaded	All
Number of Rows	2
Row Spacing - Mating	0.100" (2.54mm)
Mounting Type	Through Hole, Right Angle
Termination	Solder
Fastening Type	Latch Lock/Eject Hooks
Contact Length - Mating	0.140" (3.56mm)
Contact Length - Post	0.090" (2.29mm)
Overall Contact Length	-
Insulation Height	0.310" (7.87mm)
Contact Shape	Square
Contact Finish - Mating	Gold

Contact Finish Thickness - Mating	30µin (0.76µm)
Contact Finish - Post	Tin-Lead
Contact Material	Copper Alloy
Insulation Material	Liquid Crystal Polymer (LCP)
Features	Board Lock
Operating Temperature	-55°C ~ 105°C
Ingress Protection	-
Material Flammability Rating	UL94 V-0
Insulation Color	Black
	<a href="#">Report errors?</a>

## 81040-520203 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.

## 81040-520203 Payment Methods



## 81040-520203 Shipping Methods



If you have any question about 81040-520203, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)