

**6489700-1 Information**


For Reference Only

**Part Number** [6489700-1](#)  
**Manufacturer** TE Connectivity AMP Connectors  
**Category** Connectors, Interconnects  
[Rectangular Connectors - Headers, Male Pins](#)  
**Description** CONN HEADER 40POS VERT .100 GOLD  
**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.


**6489700-1 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">6489700-1</a>  |
| Manufacturer               | TE Connectivity AMP Connectors   |
| Category                   | Connectors, Interconnects<br><a href="#">Rectangular Connectors - Headers, Male Pins</a> |
| Package                    | -  |
| Series                     | AMP-Latch  |
| Connector Type             | Header   |
| Contact Type               | Male Pin   |
| Pitch - Mating             | 0.100" (2.54mm)  |
| Style                      | Board to Cable/Wire  |
| Shrouding                  | Shrouded - 4 Wall  |
| Number of Positions        | 40   |
| Number of Positions Loaded | 39   |
| Number of Rows             | 2  |
| Row Spacing - Mating       | 0.100" (2.54mm)  |
| Mounting Type              | Through Hole   |
| Termination                | Solder   |
| Fastening Type             | Latch Lock/Eject Hooks   |
| Contact Length - Mating    | 0.240" (6.10mm)  |
| Contact Length - Post      | 0.122" (3.10mm)  |
| Overall Contact Length     | 0.651" (16.53mm)   |
| Insulation Height          | 0.549" (13.94mm)   |
| Contact Shape              | Square   |
| Contact Finish - Mating    | Gold or Gold-Palladium   |

|                                   |                                |
|-----------------------------------|--------------------------------|
| Contact Finish Thickness - Mating | 15µin (0.38µm)                 |
| Contact Finish - Post             | Tin                            |
| Contact Material                  | Phosphor Bronze                |
| Insulation Material               | Polyester, Glass Filled        |
| Features                          | Keying Slot, Mounting Flange   |
| Operating Temperature             | -65°C ~ 105°C                  |
| Ingress Protection                | -                              |
| Material Flammability Rating      | UL94 V-0                       |
| Insulation Color                  | Black                          |
|                                   | <a href="#">Report errors?</a> |

## 6489700-1 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.

## 6489700-1 Payment Methods



## 6489700-1 Shipping Methods



If you have any question about 6489700-1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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