

# MTLW-105-05-G-D-185

#### MTLW-105-05-G-D-185 Information



## **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.



#### MTLW-105-05-G-D-185 Specifications

| •                          |   |
|----------------------------|---|
| Manufacturer Part Number   | MTLW-105-05-G-D-185                         |
| Manufacturer               | Samtec Inc.                                 |
| Category                   | Connectors, Interconnects                   |
|                            | Rectangular Connectors - Headers, Male Pins |
| Package                    | -   |
| Series                     | Flex Stack, MTLW                            |
| Connector Type             | Header                                      |
| Contact Type               | Male Pin                                    |
| Pitch - Mating             | 0.100" (2.54mm)                             |
| Style                      | Board to Board or Cable                     |
| Shrouding                  | Unshrouded                                  |
| Number of Positions        | 10  |
| Number of Positions Loaded | All   |
| Number of Rows             | 2   |
| Row Spacing - Mating       | 0.100" (2.54mm)                             |
| Mounting Type              | Through Hole                                |
| Termination                | Solder                                      |
| Fastening Type             | -   |
| Contact Length - Mating    | 0.185" (4.70mm)                             |
| Contact Length - Post      | 0.090" (2.29mm)                             |
| Overall Contact Length     | 0.335" (8.51mm)                             |
| Insulation Height          | 0.060" (1.52mm)                             |
| Contact Shape              | Square                                      |
| Contact Finish - Mating    | Gold  |
|                            |   |

| Contact Finish Thickness - Mating | 10μin (0.25μm)               |
|-----------------------------------|------------------------------|
| Contact Finish - Post             | Gold                         |
| Contact Material                  | Phosphor Bronze              |
| Insulation Material               | Liquid Crystal Polymer (LCP) |
| Features                          | -                            |
| Operating Temperature             | -55°C ~ 125°C                |
| Ingress Protection                | -                            |
| Material Flammability Rating      | UL94 V-0                     |
| Insulation Color                  | Black                        |
|                                   | Report errors?               |

# MTLW-105-05-G-D-185 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.

## MTLW-105-05-G-D-185 Payment Methods



If you have any question about MTLW-105-05-G-D-185, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com