

**TSMF1000 Information**


For Reference Only

**Part Number** [TSMF1000](#)  
**Manufacturer** Vishay Semiconductor Opto Division  
**Category** Optoelectronics  
[Infrared, UV, Visible Emitters](#)  
**Description** EMITTER IR 890NM 100MA SMD  
**Package** 2-SMD, Z-Bend  
 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.


**TSMF1000 Specifications**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number        | <a href="#">TSMF1000</a>  |
| Manufacturer                    | Vishay Semiconductor Opto Division                                |
| Category                        | Optoelectronics<br><a href="#">Infrared, UV, Visible Emitters</a> |
| Package                         | 2-SMD, Z-Bend   |
| Series                          | -   |
| Type                            | Infrared (IR)   |
| Current - DC Forward (If) (Max) | 100mA   |
| Radiant Intensity (Ie) Min @ If | 2.5mW/sr @ 20mA   |
| Wavelength                      | 890nm   |
| Voltage - Forward (Vf) (Typ)    | 1.3V  |
| Viewing Angle                   | 34°   |
| Orientation                     | Top View  |
| Operating Temperature           | -40°C ~ 85°C (TA)   |
| Mounting Type                   | Surface Mount   |
| Package / Case                  | 2-SMD, Z-Bend   |

[Report errors?](#)

## TSMF1000 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.

## TSMF1000 Payment Methods



## TSMF1000 Shipping Methods



If you have any question about TSMF1000, please do not hesitate to contact us!

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

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