

**PMEG4005ESFYL Information**


For Reference Only

**Part Number** [PMEG4005ESFYL](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 40V 0.5A SOD962  
**Package** 0201 (0603 Metric)  
 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.


**PMEG4005ESFYL Specifications**

|                                   |   |
|-----------------------------------|---|
| Manufacturer Part Number          | <a href="#">PMEG4005ESFYL</a>   |
| Manufacturer                      | Nexperia USA Inc.   |
| Category                          | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | 0201 (0603 Metric)  |
| Series                            | -   |
| Diode Type                        | Schottky  |
| Voltage - DC Reverse (Vr) (Max)   | 40V   |
| Current - Average Rectified (Io)  | 500mA   |
| Voltage - Forward (Vf) (Max) @ If | 880mV @ 500mA   |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)       | 1.28ns  |
| Current - Reverse Leakage @ Vr    | 6.5µA @ 40V   |
| Capacitance @ Vr, F               | 17pF @ 1V, 1MHz   |
| Mounting Type                     | Surface Mount   |
| Package / Case                    | 0201 (0603 Metric)  |
| Supplier Device Package           | DSN0603-2   |
| Operating Temperature - Junction  | 150°C (Max)   |

[Report errors?](#)

## PMEG4005ESFYL 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.

## PMEG4005ESFYL Payment Methods



## PMEG4005ESFYL Shipping Methods



If you have any question about PMEG4005ESFYL, please do not hesitate to contact us!

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

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