

**TLP161J(U,C,F) Information**


For Reference Only

**Part Number** [TLP161J\(U,C,F\)](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 2.5KV TRIAC 6MFSOP  
**Package** 6-SOIC (0.173", 4.40mm Width) 4 Leads  
 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.


**TLP161J(U,C,F) Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                        | <a href="#">TLP161J(U,C,F)</a>                                 |
| Manufacturer                                    | Toshiba Semiconductor and Storage                              |
| Category  | Isolators<br><a href="#">Optoisolators - Triac, SCR Output</a> |
| Package   | 6-SOIC (0.173", 4.40mm Width) 4 Leads                          |
| Series  | -  |
| Output Type                                     | Triac  |
| Zero Crossing Circuit                           | Yes  |
| Number of Channels                              | 1  |
| Voltage - Isolation                             | 2500Vrms   |
| Voltage - Off State                             | 600V   |
| Static dV/dt (Min)                              | 200V/μs  |
| Current - LED Trigger (I <sub>ft</sub> ) (Max)  | 10mA   |
| Current - On State (I <sub>t</sub> (RMS)) (Max) | 70mA   |
| Current - Hold (I <sub>h</sub> )                | 600μA (Typ)  |
| Turn On Time                                    | -  |
| Voltage - Forward (V <sub>f</sub> ) (Typ)       | 1.15V  |
| Current - DC Forward (I <sub>f</sub> ) (Max)    | 50mA   |
| Operating Temperature                           | -40°C ~ 100°C  |
| Mounting Type                                   | Surface Mount  |
| Package / Case                                  | 6-SOIC (0.173", 4.40mm Width) 4 Leads                          |
| Supplier Device Package                         | 6-MFSOP, 4 Lead  |
| Approvals                                       | UR   |

[Report errors?](#)

## TLP161J(U,C,F) 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.

## TLP161J(U,C,F) Payment Methods



## TLP161J(U,C,F) Shipping Methods



If you have any question about TLP161J(U,C,F), please do not hesitate to contact us!

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

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