

**EL3012S1(TA) Information**


For Reference Only

**Part Number** [EL3012S1\(TA\)](#)  
**Manufacturer** Everlight Electronics Co Ltd  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 5KV TRIAC 6SMD  
**Package** 6-SMD, Gull Wing  
 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.


**EL3012S1(TA) Specifications**

Manufacturer Part Number	<a href="#">EL3012S1(TA)</a>
Manufacturer	Everlight Electronics Co Ltd
Category	Isolators <a href="#">Optoisolators - Triac, SCR Output</a>
Package	6-SMD, Gull Wing
Series	-
Output Type	Triac
Zero Crossing Circuit	No
Number of Channels	1
Voltage - Isolation	5000Vrms
Voltage - Off State	250V
Static dV/dt (Min)	100V/μs (Typ)
Current - LED Trigger (I <sub>ft</sub> ) (Max)	5mA
Current - On State (I <sub>t</sub> (RMS)) (Max)	100mA
Current - Hold (I <sub>h</sub> )	250μA (Typ)
Turn On Time	-
Voltage - Forward (V <sub>f</sub> ) (Typ)	1.18V
Current - DC Forward (I <sub>f</sub> ) (Max)	60mA
Operating Temperature	-55°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	6-SMD, Gull Wing
Supplier Device Package	6-SMD
Approvals	CSA, DEMKO, FIMKO, NEMKO, SEMKO, UL

[Report errors?](#)

## EL3012S1(TA) 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.

## EL3012S1(TA) Payment Methods



## EL3012S1(TA) Shipping Methods



If you have any question about EL3012S1(TA), please do not hesitate to contact us!

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

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