

**EL1012(TB)-V Information**


For Reference Only

**Part Number** [EL1012\(TB\)-V](#)  
**Manufacturer** Everlight Electronics Co Ltd  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISOLTR 5KV TRANSISTOR 4-SOP  
**Package** 4-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.


**EL1012(TB)-V Specifications**

Manufacturer Part Number	<a href="#">EL1012(TB)-V</a>
Manufacturer	Everlight Electronics Co Ltd
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	4-SMD, Gull Wing
Series	-
Number of Channels	1
Voltage - Isolation	5000Vrms
Current Transfer Ratio (Min)	63% @ 10mA
Current Transfer Ratio (Max)	125% @ 10mA
Turn On / Turn Off Time (Typ)	4μs, 3μs
Rise / Fall Time (Typ)	2μs, 3μs
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	80V
Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ)	1.45V
Current - DC Forward (If) (Max)	60mA
Vce Saturation (Max)	300mV
Operating Temperature	-55°C ~ 110°C
Mounting Type	Surface Mount
Package / Case	4-SMD, Gull Wing
Supplier Device Package	4-SOP (2.54mm)
<a href="#">Report errors?</a>	

## EL1012(TB)-V 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.

## EL1012(TB)-V Payment Methods



## EL1012(TB)-V Shipping Methods



If you have any question about EL1012(TB)-V, please do not hesitate to contact us!

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