

**HCPL-0600-500E Information**


For Reference Only

**Part Number** [HCPL-0600-500E](#)  
**Manufacturer** Broadcom Limited  
**Category** Isolators  
[Optoisolators - Logic Output](#)  
**Description** OPTOISO 3.75KV OPN COLLECTOR 8SO  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 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.


**HCPL-0600-500E Specifications**

|                                      |   |
|--------------------------------------|---|
| Manufacturer Part Number             | <a href="#">HCPL-0600-500E</a>                            |
| Manufacturer                         | Broadcom Limited  |
| Category                             | Isolators<br><a href="#">Optoisolators - Logic Output</a> |
| Package                              | 8-SOIC (0.154", 3.90mm Width)                             |
| Series                               | -   |
| Number of Channels                   | 1   |
| Inputs - Side 1/Side 2               | 1/0   |
| Voltage - Isolation                  | 3750Vrms  |
| Common Mode Transient Immunity (Min) | 5kV/μs  |
| Input Type                           | DC  |
| Output Type                          | Open Collector, Schottky Clamped                          |
| Current - Output / Channel           | 50mA  |
| Data Rate                            | 10MBd   |
| Propagation Delay tpLH / tpHL (Max)  | 100ns, 100ns  |
| Rise / Fall Time (Typ)               | 24ns, 10ns  |
| Voltage - Forward (Vf) (Typ)         | 1.5V  |
| Current - DC Forward (If) (Max)      | 20mA  |
| Voltage - Supply                     | 4.5 V ~ 5.5 V   |
| Operating Temperature                | -40°C ~ 85°C  |
| Mounting Type                        | Surface Mount   |
| Package / Case                       | 8-SOIC (0.154", 3.90mm Width)                             |
| Supplier Device Package              | 8-SO Tall   |

[Report errors?](#)

## HCPL-0600-500E 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.

## HCPL-0600-500E Payment Methods



## HCPL-0600-500E Shipping Methods



If you have any question about HCPL-0600-500E, please do not hesitate to contact us!

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