

**PC457L0YIP0F Information**


For Reference Only

**Part Number** [PC457L0YIP0F](#)  
**Manufacturer** Sharp Microelectronics  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISO 3.75KV TRANSISTOR 6-SMD  
**Package** 6-SOIC (0.173", 4.40mm Width) 5 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.


**PC457L0YIP0F Specifications**

Manufacturer Part Number	<a href="#">PC457L0YIP0F</a>
Manufacturer	Sharp Microelectronics
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	6-SOIC (0.173", 4.40mm Width) 5 Leads
Series	OPIC?
Number of Channels	1
Voltage - Isolation	3750Vrms
Current Transfer Ratio (Min)	19% @ 16mA
Current Transfer Ratio (Max)	50% @ 16mA
Turn On / Turn Off Time (Typ)	200ns, 400ns
Rise / Fall Time (Typ)	-
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	20V
Current - Output / Channel	8mA
Voltage - Forward (Vf) (Typ)	1.7V
Current - DC Forward (If) (Max)	25mA
Vce Saturation (Max)	-
Operating Temperature	-55°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	6-SOIC (0.173", 4.40mm Width) 5 Leads
Supplier Device Package	5-MFP

[Report errors?](#)

## PC457L0YIP0F 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.

## PC457L0YIP0F Payment Methods



## PC457L0YIP0F Shipping Methods



If you have any question about PC457L0YIP0F, please do not hesitate to contact us!

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