

**S12ME1FY Information**


For Reference Only

**Part Number** [S12ME1FY](#)  
**Manufacturer** Sharp Microelectronics  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 4KV SCR 6DIP  
**Package** 6-DIP (0.300", 7.62mm), 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.


**S12ME1FY Specifications**

Manufacturer Part Number	<a href="#">S12ME1FY</a>
Manufacturer	Sharp Microelectronics
Category	Isolators <a href="#">Optoisolators - Triac, SCR Output</a>
Package	6-DIP (0.300", 7.62mm), 5 Leads
Series	-
Output Type	SCR
Zero Crossing Circuit	No
Number of Channels	1
Voltage - Isolation	4000Vrms
Voltage - Off State	400V
Static dV/dt (Min)	3V/μs
Current - LED Trigger (I <sub>ft</sub> ) (Max)	10mA
Current - On State (I <sub>t</sub> (RMS)) (Max)	200mA
Current - Hold (I <sub>h</sub> )	1mA
Turn On Time	50μs (Max)
Voltage - Forward (V <sub>f</sub> ) (Typ)	1.2V
Current - DC Forward (I <sub>f</sub> ) (Max)	50mA
Operating Temperature	-30°C ~ 100°C
Mounting Type	Through Hole
Package / Case	6-DIP (0.300", 7.62mm), 5 Leads
Supplier Device Package	6-DIP
Approvals	BSI, UR, VDE

[Report errors?](#)

## S12ME1FY 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.

## S12ME1FY Payment Methods



## S12ME1FY Shipping Methods



If you have any question about S12ME1FY, please do not hesitate to contact us!

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

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