

**ESM5045DV Information**


For Reference Only

**Part Number** [ESM5045DV](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN DARL 450V 60A ISOTOP  
**Package** ISOTOP  
 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.


**ESM5045DV Specifications**

Manufacturer Part Number	<a href="#">ESM5045DV</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	<a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	ISOTOP
Series	-
Transistor Type	NPN - Darlington
Current - Collector (Ic) (Max)	60A
Voltage - Collector Emitter Breakdown (Max)	450V
Vce Saturation (Max) @ Ib, Ic	1.4V @ 2.8A, 50A
Current - Collector Cutoff (Max)	-
DC Current Gain (hFE) (Min) @ Ic, Vce	150 @ 50A, 5V
Power - Max	175W
Frequency - Transition	-
Operating Temperature	150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	ISOTOP
Supplier Device Package	ISOTOP?

[Report errors?](#)

## ESM5045DV 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.

## ESM5045DV Payment Methods



## ESM5045DV Shipping Methods



If you have any question about ESM5045DV, please do not hesitate to contact us!

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

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