

**MDS400 Information**


For Reference Only

**Part Number** [MDS400](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - RF](#)  
**Description** TRANS RF BIPO 1450W 40A 55KT1  
**Package** 55KT  
 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.


**MDS400 Specifications**

Manufacturer Part Number	<a href="#">MDS400</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - RF</a>
Package	55KT
Series	-
Transistor Type	NPN
Voltage - Collector Emitter Breakdown (Max)	55V
Frequency - Transition	1.03GHz ~ 1.09GHz
Noise Figure (dB Typ @ f)	-
Gain	6.5dB
Power - Max	1450W
DC Current Gain (hFE) (Min) @ Ic, Vce	10 @ 1A, 5V
Current - Collector (Ic) (Max)	40A
Operating Temperature	200°C (TJ)
Mounting Type	Chassis Mount
Package / Case	55KT
Supplier Device Package	55KT

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## MDS400 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.

## MDS400 Payment Methods



## MDS400 Shipping Methods



If you have any question about MDS400, please do not hesitate to contact us!

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

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