

# APL502J

### **APL502J Information**

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Part Number	APL502J	
Manufacturer	Microsemi Corporation	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 500V 52A SOT-227	
Package	xage SOT-227-4, miniBLOC	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



Request a Quote

For Reference Only

# **Certified Quality**

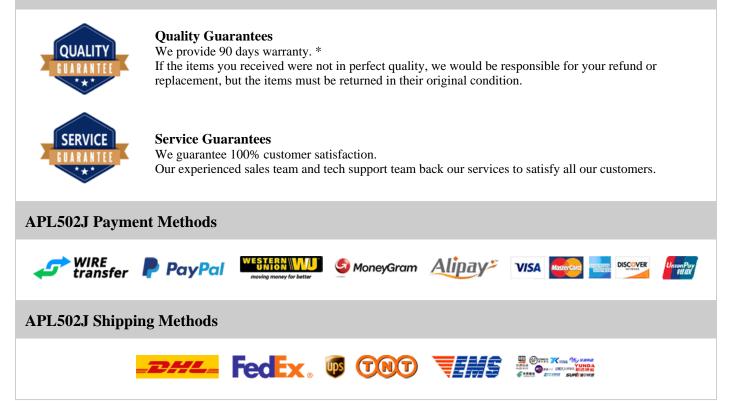
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **APL502J Specifications**

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Manufacturer Part Number	APL502J
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	_
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	52A
Drive Voltage (Max Rds On, Min Rds On)	15V
Vgs(th) (Max) @ Id	4V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	-
Input Capacitance (Ciss) (Max) @ Vds	9000pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	568W (Tc)
Rds On (Max) @ Id, Vgs	90 mOhm @ 26A, 12V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP?
Package / Case	SOT-227-4, miniBLOC
	Report errors?

#### **APL502J Guarantees**



If you have any question about APL502J, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com