

SCT2450KEC Information


For Reference Only

Part Number [SCT2450KEC](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 10A TO-247
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


SCT2450KEC Specifications

Manufacturer Part Number	SCT2450KEC
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	-
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vds)	1200V
Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	18V
Vgs(th) (Max) @ Id	4V @ 900µA
Gate Charge (Qg) (Max) @ Vgs	27nC @ 18V
Input Capacitance (Ciss) (Max) @ Vds	463pF @ 800V
Vgs (Max)	+22V, -6V
FET Feature	-
Power Dissipation (Max)	85W (Tc)
Rds On (Max) @ Id, Vgs	585 mOhm @ 3A, 18V
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

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SCT2450KEC 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.

SCT2450KEC Payment Methods



SCT2450KEC Shipping Methods



If you have any question about SCT2450KEC, please do not hesitate to contact us!

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