SCT2160KEC Information

For Reference Only

Part Number	SCT2160KEC
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 1200V 22A 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

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.

SCT2160KEC Specifications

Manufacturer Part Number	SCT2160KEC
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 (Vdss)	1200V
Current - Continuous Drain (Id) @ 25°C	22A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	18V
Vgs(th) (Max) @ Id	4V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	62nC @ 18V
Input Capacitance (Ciss) (Max) @ Vds	1200pF @ 800V
Vgs (Max)	+22V, -6V
FET Feature	-
Power Dissipation (Max)	165W (Tc)
Rds On (Max) @ Id, Vgs	208 mOhm @ 7A, 18V
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3
	Report errors?

SCT2160KEC 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.

SCT2160KEC Payment Methods

SCT2160KEC Shipping Methods

If you have any question about SCT2160KEC, please do not hesitate to contact us!
Website: https://www.heisener.com
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