

DMTH4005SCT Information


For Reference Only

Part Number [DMTH4005SCT](#)
Manufacturer Diodes Incorporated
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET NCH 40V 100A TO220AB
Package TO-220-3
 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.


DMTH4005SCT Specifications

Manufacturer Part Number	DMTH4005SCT
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	Automotive, AEC-Q101
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	49.1nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3062pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 125W (Tc)
Rds On (Max) @ Id, Vgs	4.7 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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DMTH4005SCT 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.

DMTH4005SCT Payment Methods



DMTH4005SCT Shipping Methods



If you have any question about DMTH4005SCT, please do not hesitate to contact us!

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