

RSD046P05TL Information


For Reference Only

Part Number [RSD046P05TL](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 45V 4.5A CPT3
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


RSD046P05TL Specifications

Manufacturer Part Number	RSD046P05TL
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	45V
Current - Continuous Drain (Id) @ 25°C	4.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	3V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	12nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	550pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	850mW (Ta), 15W (Tc)
Rds On (Max) @ Id, Vgs	155 mOhm @ 4.5A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	CPT3
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

[Report errors?](#)

RSD046P05TL 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.

RSD046P05TL Payment Methods



RSD046P05TL Shipping Methods



If you have any question about RSD046P05TL, please do not hesitate to contact us!

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