



### **RSD200N05TL Information**



For Reference Only

Part Number RSD200N05TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 45V 20A 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.









# **RSD200N05TL Specifications**

| Manufacturer Part Number               | RSD200N05TL                           |
|--|---------------------------------------|
| Manufacturer                           | Rohm Semiconductor                    |
| Category                               | Discrete Semiconductor Products       |
|  | Transistors - FETs, MOSFETs - Single  |
| Package                                | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series                                 | -                                     |
| FET Type                               | N-Channel                             |
| Technology                             | MOSFET (Metal Oxide)                  |
| Drain to Source Voltage (Vdss)         | 45V                                   |
| Current - Continuous Drain (Id) @ 25°C | 20A (Ta)                              |
| Drive Voltage (Max Rds On, Min Rds On) | 4V, 10V                               |
| Vgs(th) (Max) @ Id                     | 2.5V @ 1mA                            |
| Gate Charge (Qg) (Max) @ Vgs           | 12nC @ 5V                             |
| Input Capacitance (Ciss) (Max) @ Vds   | 950pF @ 10V                           |
| Vgs (Max)                              | ±20V                                  |
| FET Feature                            | -                                     |
| Power Dissipation (Max)                | 20W (Tc)                              |
| Rds On (Max) @ Id, Vgs                 | 28 mOhm @ 20A, 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?                        |

#### **RSD200N05TL 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.

### **RSD200N05TL Payment Methods**



















## **RSD200N05TL Shipping Methods**













If you have any question about RSD200N05TL, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com