

APT15GT60KRG Information


For Reference Only

Part Number [APT15GT60KRG](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 42A 184W TO220
Package TO-220-3
 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.


APT15GT60KRG Specifications

| | |
|---|---|
| Manufacturer Part Number | APT15GT60KRG |
| Manufacturer | Microsemi Corporation |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-220-3 |
| Series | Thunderbolt IGBT? |
| IGBT Type | NPT |
| Voltage - Collector Emitter Breakdown (Max) | 600V |
| Current - Collector (Ic) (Max) | 42A |
| Current - Collector Pulsed (Icm) | 45A |
| Vce(on) (Max) @ Vge, Ic | 2.5V @ 15V, 15A |
| Power - Max | 184W |
| Switching Energy | 150μJ (on), 215μJ (off) |
| Input Type | Standard |
| Gate Charge | 75nC |
| Td (on/off) @ 25°C | 6ns/105ns |
| Test Condition | 400V, 15A, 10 Ohm, 15V |
| Reverse Recovery Time (trr) | - |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-220-3 |
| Supplier Device Package | TO-220 [K] |
| Report errors? | |

APT15GT60KRG 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.

APT15GT60KRG Payment Methods



APT15GT60KRG Shipping Methods



If you have any question about APT15GT60KRG, please do not hesitate to contact us!

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