

APTGT50DA120D1G

APTGT50DA120D1G Information

| • | Contact levels cards here | APTGT50DA120D1G Microsemi Corporation Discrete Semiconductor Products Transistors - IGBTs - Modules IGBT 1200V 75A 270W D1 D1 For the pricing/inventory/lead time, please contact | |
|---|---------------------------|---|-----------------|
| | For Reference Only | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

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APTGT50DA120D1G Specifications

| Manufacturer Part NumberAPTGT50DA120D1GManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsPackageD1Series-GBT TypeTrench Field StopConfigurationSingleVoltage - Collector Emitter Breakdown (Max)200VCurrent - Collector (L) (Max)75APower - Max21V @ 15V, 50ACurrent - Collector Cutoff (Max)SingleInput Capacitance (Cies) @ VceSind @ 20VInput Capacitance (Cies) @ VceSind @ 20VNTC ThermistorNoOperating TemperatureNoMounting TypeChasis MountPower Age (Ciese) @ VceSind @ 20VStrict TemperatureSind @ 20VPoperatureSind @ 20VStrict TemperatureSind @ 20V </th <th></th> <th></th> | | |
|--|---|---------------------------------|
| CategoryDiscrete Semiconductor Products Transistors - IGBTs - ModulesPackageD1Series-IGBT TypeTrench Field StopConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Lc) (Max)75APower - Max270WVec(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VNTC ThermistorNoOperating Temperature-Mounting TypeChasis MountPackage / CaseD1Supplier Device PackageD1 | Manufacturer Part Number | APTGT50DA120D1G |
| Final StressTransistors - IGBT's - ModulesPackageD1Series-IGBT TypeTrench Field StopConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)75APower - Max270WVec(on) (Max) @ Vge, IcSinACurrent - Collector Cutoff (Max)SinAInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChasis MountPackage / CaseD1Supplier Device PackageD1 | Manufacturer | Microsemi Corporation |
| PackageD1Series-IGBT TypeTrench Field StopConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)75APower - Max270WVec(on) (Max) @ Vge, IcSinACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ VceSinGF @ 25VInputStandardNCT ChermistorNoOperating Temperature-Mounting Type-Package / CaseD1Supplier Device PackageD1 | Category | Discrete Semiconductor Products |
| Series-IGBT TypeTrench Field StopConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Lo (Max)75APower - Max270WVce(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6n F @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | | Transistors - IGBTs - Modules |
| IGBT TypeTrench Field StopIGBT TypeSingleConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Lo' (Max)75APower - Max270WVec(on) (Max) @ Vge, Lc2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VNrC ThermistorNoOperating Temperature-Mounting TypeChasis MountPackage / CaseD1Supplier Device PackageD1 | Package | D1 |
| ConfigurationSingleVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)75APower - Max270WVec(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VNTC ThermistorNoOperating Temperature-Automating TypeChasis MountPackage / CaseD1Supplier Device PackageD1 | Series | - |
| Voltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)75APower - Max270WVce(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mACurrent - Collector Cutoff (Max)3.6nF @ 25VInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | IGBT Type | Trench Field Stop |
| Current - Collector (Ic) (Max)75APower - Max270WVce(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Configuration | Single |
| Power - Max270WVce(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Voltage - Collector Emitter Breakdown (Max) | 1200V |
| Vce(on) (Max) @ Vge, Ic2.1V @ 15V, 50ACurrent - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Current - Collector (Ic) (Max) | 75A |
| Current - Collector Cutoff (Max)5mAInput Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Power - Max | 270W |
| Input Capacitance (Cies) @ Vce3.6nF @ 25VInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Vce(on) (Max) @ Vge, Ic | 2.1V @ 15V, 50A |
| InputStandardInputStandardNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Current - Collector Cutoff (Max) | 5mA |
| InternationInternationNTC ThermistorNoOperating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Input Capacitance (Cies) @ Vce | 3.6nF @ 25V |
| Operating Temperature-Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | Input | Standard |
| Mounting TypeChassis MountPackage / CaseD1Supplier Device PackageD1 | NTC Thermistor | No |
| Package / CaseD1Supplier Device PackageD1 | Operating Temperature | - |
| Supplier Device Package D1 | Mounting Type | Chassis Mount |
| | Package / Case | D1 |
| | Supplier Device Package | D1 |
| Report of Report | | Report errors? |

APTGT50DA120D1G 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.

APTGT50DA120D1G Payment Methods





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