

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?

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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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