

# **CM200DY-24NF**

#### **CM200DY-24NF Information**



Part Number	CM200DY-24NF
Manufacturer	Powerex Inc.
Category	Discrete Semiconductor Products Transistors - IGBTs - Modules
Description	IGBT MOD DUAL 1200V 200A NF SER
Package	Module
	For the pricing/inventory/lead time, please contact us
	Website: https://www.heisener.com
	E-mail: salesdept@heisener.com



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For Reference Only

# **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.



## **CM200DY-24NF Specifications**

Manufacturer Part Number CM20DY-24NF   Manufacturer Powerx Inc.   Category Discrete Semiconductor Products   Transistors - IGBTs - Modules Transistors - IGBTs - Modules   Package Module   Series IGBTMOD?   IGBT Type -   Configuration Half Bridge   Voltage - Collector Emitter Breakdown (Max) 1200V   Current - Collector (L) (Max) 200A   Power - Max 1130W   Vec(on) (Max) @ Vge, Ic 2.5V @ 15V, 200A   Current - Collector Cutoff (Max) ImA   Iput Capacitance (Cies) @ Vce Module   Mouting Type -40°C ~ 150°C (TJ)   Mouting Type Chasis Mount   Package / Case Module		
CategoryDiscrete Semiconductor ProductsCategoryTransistors - IGBTs - ModulesPackageModulePackageIGBTMOD?SeriesIGBTMOD?IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)200ACurrent - Collector (L) (Max)200APower - Max1130WVce(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce4/nF @ 10VNTC ThermistorNoOperating Temperature40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Manufacturer Part Number	CM200DY-24NF
Transistors - IGBTs - ModulesPackageModuleSeriesIGBTMOD?IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)200APower - Max1130WVec(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNoOperating TemperatureOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChasis MountPackage / CaseModuleSupplier Device PackageModule	Manufacturer	Powerex Inc.
PackageModuleSeriesGBTMOD?IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (IC) (Max)200APower - Max130WVec(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ VceMondardInput Capacitance (Cies) @ VceNoOrerating Temperature-40°C ~ 150°C (TJ)Mounting TypeChasis MountPackage / CaseModuleSupplier Device PackageModule	Category	Discrete Semiconductor Products
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IGBT Type-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)200APower - Max1130WVec(on) (Max) @ Vge, Lc2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce47h F @ 10VNput CapacitanceNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChasis MountPackage / CaseModuleSupplier Device PackageModule	Package	Module
ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)200APower - Max1130WVce(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNTC ThermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Series	IGBTMOD?
Voltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)200APower - Max1130WVce(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNTC ThermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	IGBT Type	-
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Power - Max1130WPower - Max1130WVce(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNTC ThermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic2.5V @ 15V, 200ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNTC ThermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Current - Collector (Ic) (Max)	200A
Current - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce47nF @ 10VInputStandardNptNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Power - Max	1130W
Input Capacitance (Cies) @ Vce47nF @ 10VInputStandardNnt ChermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 200A
InputStandardInputNoNTC Thermistor-40°C ~ 150°C (TJ)Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Current - Collector Cutoff (Max)	1mA
PresentationNonNTC ThermistorNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Input Capacitance (Cies) @ Vce	47nF @ 10V
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	Input	Standard
Mounting TypeChassis MountPackage / CaseModuleSupplier Device PackageModule	NTC Thermistor	No
Package / CaseModuleSupplier Device PackageModule	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package Module	Mounting Type	Chassis Mount
	Package / Case	Module
Repor	Supplier Device Package	Module
		Report errors?

#### **CM200DY-24NF** 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### **CM200DY-24NF Payment Methods**





If you have any question about CM200DY-24NF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com