

IXBF9N160G

Request a Quote

IXBF9N160G Information

	Part Number	IXBF9N160G
Heisener.com	Manufacturer	IXYS
	Category	Discrete Semiconductor Products Transistors - IGBTs - Single
	Description	IGBT 1600V 7A 70W I4PAC
	Package	i4-Pac?-5 (3 leads)
		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com

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.



IXBF9N160G Specifications

ManufacturerKYSCategoryDiscrete Semiconductor ProductsTransitors - IGBTs - SinglePackagei4-Pac?-5 (3 leads)SeriesBIMOSFET?IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (Ic) (Max)7ACurrent - Collector Pulsed (Icm)-Vec(on) (Max) @ Vge, le7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Totset Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-Mounting TypeStrole ConditionMounting TypeItrough HolePackage / CaseisOPLUS i4-PAC?Supplier Device PackageIsOPLUS i4-PAC?	-	
CategoryDiscrete Semiconductor Products Transistors - IGBTs - SinglePackagei4-Pac?-5 (3 leads)SeriesBIMOSFET?IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (Ic) (Max)7ACurrent - Collector Pulsed (Icm)7V @ 15V, 5AVec(on) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeSandardGate Charge34nCT (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-Mounting Type-Package / CaseIsopLUS i4-PAC?Supplier Device PackageIsopLUS i4-PAC?	Manufacturer Part Number	IXBF9N160G
Transistors - IGBTs - SinglePackagei4-Pac?-5 (3 leads)SeriesBIMOSFET?IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (Ic) (Max)7ACurrent - Collector Pulsed (Icm)-Vec(n) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Manufacturer	IXYS
Packagei4-Pac?-5 (3 leads)SeriesBIMOSFET?IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (Lc) (Max)7ACurrent - Collector Pulsed (Icm)-Vec(on) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-Mounting TypeStandardMounting TypeThrough HolePackage / Casei-Pac?e, 5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Category	Discrete Semiconductor Products
SeriesBIMOSFET?IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (L) (Max)7ACurrent - Collector Pulsed (Icm)-Vce(on) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Caseid-Pac? 53 leads)Supplier Device PackageISOPLUS id-PAC?		Transistors - IGBTs - Single
IGBT Type-Voltage - Collector Emitter Breakdown (Max)1600VCurrent - Collector (L) (Max)7ACurrent - Collector Pulsed (Icm)-Vec(on (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTo (no/off) @ 25°C960V, 5A, 27 Ohm, 10VTest Condition-Reverse Recovery Time (trr)-Operating Type-55°C ~ 150°C (TJ)Mounting TypeInough HolePackage / Casei-Pace2, 63 leads)Supplier Device PackageIsope Lase (Server)	Package	i4-Pac?-5 (3 leads)
Voltage - Collector Emitter Breakdown (Max) 1600V Current - Collector (Lo) (Max) 7A Current - Collector Pulsed (Icm) - Vce(on) (Max) @ Vge, Ic 7V @ 15V, 5A Power - Max 70W Switching Energy - Input Type Standard Gate Charge 34nC Td (on/off) @ 25°C - Test Condition 960V, 5A, 27 Ohm, 10V Reverse Recovery Time (trr) - Operating Temperature - Mounting Type 155°C ~ 150°C (TJ) Pokage / Case Ithrough Hole Supplier Device Package Ithrough Hole	Series	BIMOSFET?
Current - Collector (Ic) (Max) 7A Current - Collector Pulsed (Icm) - Vce(on) (Max) @ Vge, Ic 7V @ 15V, 5A Power - Max 70W Switching Energy - Input Type Standard Gate Charge 34nC Td (on/off) @ 25°C - Test Condition 960V, 5A, 27 Ohm, 10V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case i4-Pac?-5 (3 leads) Supplier Device Package ISOPLUS i4-PAC?	IGBT Type	-
Current - Collector Pulsed (Icm)-Vce(on) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-5°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Voltage - Collector Emitter Breakdown (Max)	1600V
Vce(on) (Max) @ Vge, Ic7V @ 15V, 5APower - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Current - Collector (Ic) (Max)	7A
Power - Max70WSwitching Energy-Input TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Current - Collector Pulsed (Icm)	-
Switching Energy-Input TypeStandardInput TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Vce(on) (Max) @ Vge, Ic	7V @ 15V, 5A
Input TypeStandardInput TypeStandardGate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Power - Max	70W
Gate Charge34nCTd (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Switching Energy	-
Td (on/off) @ 25°C-Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Input Type	Standard
Test Condition960V, 5A, 27 Ohm, 10VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Gate Charge	34nC
Reverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Td (on/off) @ 25°C	-
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Test Condition	960V, 5A, 27 Ohm, 10V
Mounting TypeThrough HolePackage / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Reverse Recovery Time (trr)	-
Package / Casei4-Pac?-5 (3 leads)Supplier Device PackageISOPLUS i4-PAC?	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package ISOPLUS i4-PAC?	Mounting Type	Through Hole
	Package / Case	i4-Pac?-5 (3 leads)
Report errors?	Supplier Device Package	ISOPLUS i4-PAC?
		Report errors?

IXBF9N160G 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.

IXBF9N160G Payment Methods





If you have any question about IXBF9N160G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com