



Q8010NH5RP Information



For Reference Only

Part Number Q8010NH5RP **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - TRIACs

DescriptionTRIAC ALTERNISTOR 800V 10A TO263**Package**TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Q8010NH5RP Specifications

Manufacturer Part NumberQ8010NH5RPManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)110A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Quality Specifications	
Category Discrete Semiconductor Products Thyristors - TRIACs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature 40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Manufacturer Part Number	Q8010NH5RP
Thyristors - TRIACs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Manufacturer	Littelfuse Inc.
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Category	Discrete Semiconductor Products
Series - Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)		Thyristors - TRIACs
Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Voltage - Off State Current - On State (It (RMS)) (Max) 10A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Series	-
Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 110A, 120A Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Triac Type	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage - Off State	800V
Current - Non Rep. Surge 50, 60Hz (Itsm) Current - Gate Trigger (Igt) (Max) 50mA Current - Hold (Ih) (Max) 50mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Current - On State (It (RMS)) (Max)	10A
Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) SomA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	110A, 120A
Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Gate Trigger (Igt) (Max)	50mA
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Hold (Ih) (Max)	50mA
Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Configuration	Single
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package TO-263 (D2Pak)	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	TO-263 (D2Pak)
		Report errors?

Q8010NH5RP 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.

Q8010NH5RP Payment Methods



















Q8010NH5RP Shipping Methods













If you have any question about Q8010NH5RP, please do not hesitate to contact us!

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