

# Q8010R5TP

## **Q8010R5TP Information**

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Part Number	Q8010R5TP
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products Thyristors - TRIACs
Description	TRIAC 800V 10A TO220
Package	TO-220-3
	For the pricing/inventory/lead time, please contact
	us
	Website: https://www.heisener.com
	E-mail: salesdept@heisener.com



Request a Quote

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.



### **Q8010R5TP** Specifications

Manufacturer Part NumberQ8010R5TPManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsThyristors - TRIACsThyristors - TRIACsPackageTO-220-3Series-Tria TypeStandardVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)100A, 120ACurrent - Non Rep. Surge 50, 60Hz (Itsm)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220.3Supplier Device PackageTO-220 Non-Isolated Tab			
CategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)10AA, 120ACurrent - Non Rep. Surge 50, 60Hz (Itsm)50mACurrent - Hold (Ih) (Max)50mACurrent - Hold (Ih) (Max)SingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220 Non-Isolated Tab	Manufacturer Part Number	Q8010R5TP	
HardwardThyristors - TRIACsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)50mACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)SingleConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mouting TypeThough HolePackage / CaseTO-220 Non-Isolated TabSupplier Device PackageTO-220 Non-Isolated Tab	Manufacturer	Littelfuse Inc.	
PackageTO-220-3Series-Triac TypeStandardVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220 Non-Isolated Tab	Category	Discrete Semiconductor Products	
Series         -           Triac Type         Standard           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)         100A, 120A           Current - Gate Trigger (Igt) (Max)         50mA           Current - Hold (Ih) (Max)         Single           Configuration         Single           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Through Hole           Package / Case         TO-220 Non-Isolated Tab		Thyristors - TRIACs	
Triac TypeStandardVoltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220 Non-Isolated TableSupplier Device PackageTO-220 Non-Isolated Table	Package	TO-220-3	
Voltage - Off State800VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Series	-	
Current - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Triac Type	Standard	
Voltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Voltage - Off State	800V	
Current - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - On State (It (RMS)) (Max)	10A	
Current - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfiguration50mAOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Voltage - Gate Trigger (Vgt) (Max)	1.3V	
Current - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A	
ConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - Gate Trigger (Igt) (Max)	50mA	
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - Hold (Ih) (Max)	50mA	
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Configuration	Single	
Package / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Operating Temperature	-40°C ~ 125°C (TJ)	
Supplier Device Package TO-220 Non-Isolated Tab	Mounting Type	Through Hole	
	Package / Case	TO-220-3	
Report errors'	Supplier Device Package	TO-220 Non-Isolated Tab	
		Report errors?	

### **Q8010R5TP** 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 GUARANTEE

### **Service Guarantees**

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

# Q8010R5TP Payment Methods Image: WIRE transfer PayPai Image: Constraint of the better Image: Constraint of the better Image: Constraint of the better Q8010R5TP Shipping Methods Image: Constraint of the better Q8010R5TP Shipping Methods Image: Constraint of the better Image: Constraint of the better Image: Constraint of the better Image: Constraint of the better

If you have any question about Q8010R5TP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com