

S6016NRP

S6016NRP Information

www.hersener.com	Part Number Manufacturer Category Description Package	S6016NRP Littelfuse Inc. Discrete Semiconductor Products Thyristors - SCRs SCR NON-ISOLATED 600V 16A D2 PAK TO-263-3, D2Pak (2 Leads + Tab), TO-263AB For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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.



S6016NRP Specifications

Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 30mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 10A Current - On State (It (RMS)) (Max) 16A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Off State (Max) 188A, 225A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount				
Category Discrete Semiconductor Products Category Thyristors - SCRs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 30mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 10A Current - On State (It (RMS)) (Max) 16A Current - Hold (Ih) (Max) 40mA Current - Mork (It (RMS)) (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 188A, 225A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)				
Thyristors - SCRs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 30mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 10A Current - On State (It (MS)) (Max) 16A Current - Hold (Ih) (Max) 10µA Current - Off State (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 188A, 225A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Manufacturer	Littelfuse Inc.		
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Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)30mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)10ACurrent - On State (It (RMS)) (Max)16ACurrent - Hold (Ih) (Max)10µACurrent - Off State (Max)188A, 225ASCR TypeStandard RecoveryOperating Temperature-40°C ~125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)		Thyristors - SCRs		
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Current - On State (It (AV)) (Max) 10A Current - On State (It (RMS)) (Max) 16A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 188A, 225A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C 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)	30mA		
Current - On State (It (RMS)) (Max)16ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)188A, 225ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Voltage - On State (Vtm) (Max)	1.6V		
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Current - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)188A, 225ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - On State (It (RMS)) (Max)	16A		
Current - Non Rep. Surge 50, 60Hz (Itsm)188A, 225ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - Hold (Ih) (Max)	40mA		
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - Off State (Max)	10μΑ		
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	188A, 225A		
Nounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	SCR Type	Standard Recovery		
Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Operating Temperature	-40°C ~ 125°C		
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?		

S6016NRP 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 SUARANTEE

Service Guarantees

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

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