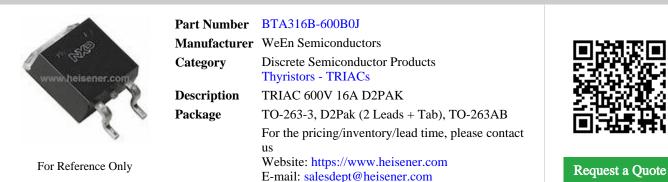


# BTA316B-600B0J

#### **BTA316B-600B0J Information**



# **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.



# **BTA316B-600B0J Specifications**

ManufacturerWeEn SemiconductorsCategoryDiscrete Semiconductor Products Thyristors - TRIACsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)15VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Hold (Ih) (Max)50mACurrent - Hold (Ih) (Max)SingleOperating TemperatureSingleOperating TemperatureSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK		
CategoryDiscrete Semiconductor Products Thyristors - TRIACsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABPackage-Steries-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Hold (Ih) (Max)60mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Manufacturer Part Number	BTA316B-600B0J
Thyristors - TRIACsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Hold (Ih) (Max)60mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseD2PAK	Manufacturer	WeEn Semiconductors
PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Category	Discrete Semiconductor Products
Series-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK		Thyristors - TRIACs
Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Gate Trigger (Igt) (Max)60mACurrent - Hold (Ih) (Max)50mAOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
NotesNotesVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Series	-
Current - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Triac Type	Standard
Voltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm)140A, 150ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - On State (It (RMS)) (Max)	16A
Current - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Hold (Ih) (Max)60mAConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - Non Rep. Surge 50, 60Hz (Itsm)	140A, 150A
ConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - Gate Trigger (Igt) (Max)	50mA
Operating Temperature125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - Hold (Ih) (Max)	60mA
Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Configuration	Single
Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Operating Temperature	125°C (TJ)
Supplier Device Package D2PAK	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	D2PAK
		Report errors?

#### **BTA316B-600B0J** 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.

#### **BTA316B-600B0J Payment Methods**



# **BTA316B-600B0J Shipping Methods**



If you have any question about BTA316B-600B0J, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com