

BTA12-700BRG

BTA12-700BRG Information

	Part Number	BTA12-700BRG
	Manufacturer	STMicroelectronics
www.heisener.com	Category	Discrete Semiconductor Products Thyristors - TRIACs
	Description	TRIAC 700V 12A TO220AB
	Package	TO-220-3
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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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.



BTA12-700BRG Specifications

Manufacturer Part NumberBTA12-700BRGManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsThyristors - TRIACsThyristors - TRIACsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)13VCurrent - Non Rep. Surge 50, 60Hz (Itsm)50mACurrent - Hold (Ih) (Max)SomACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TI)		
CategoryDiscrete Semiconductor ProductsCategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)13VCurrent - Non Rep. Surge 50, 60Hz (Itsm)50mACurrent - Hold (Ih) (Max)50mACurrent - Hold (Ih) (Max)Single	Manufacturer Part Number	BTA12-700BRG
HardwardThyristors - TRIACsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Hold (Ih) (Max)50mACurrent - Hold (Ih) (Max)Single	Manufacturer	STMicroelectronics
PackageTO-220-3Series-Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)Single	Category	Discrete Semiconductor Products
Series-Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mA		Thyristors - TRIACs
Triac TypeStandardVoltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Package	TO-220-3
Voltage - Off State700VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Series	-
Current - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Triac Type	Standard
Voltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Voltage - Off State	700V
Current - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Current - On State (It (RMS)) (Max)	12A
Current - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingle	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max)50mAConfigurationSingle	Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A
Configuration Single	Current - Gate Trigger (Igt) (Max)	50mA
	Current - Hold (Ih) (Max)	50mA
Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TI)	Configuration	Single
	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case TO-220-3	Package / Case	TO-220-3
Supplier Device Package TO-220AB	Supplier Device Package	TO-220AB
Report error		Report errors?

BTA12-700BRG 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 BUARANTEE

Service Guarantees

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

BTA12-700BRG Payment Methods



BTA12-700BRG Shipping Methods



If you have any question about BTA12-700BRG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com