



P0111MA2AL3 Information



For Reference Only

Part Number P0111MA2AL3

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Thyristors - SCRs

Description IC SCR 0.8A 600V TO92

Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

For the pricing/inventory/lead time, please contact

us

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.









P0111MA2AL3 Specifications

Manufacturer Part Number P0111MA2AL3 Manufacturer STMicroelectronics Category Discrete Semiconductor Products Thyristors - SCRs Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 25μA Voltage - On State (Vtm) (Max) 1.95V Current - On State (It (AV)) (Max) 500mA Current - On State (It (RMS)) (Max) 800mA Current - Hold (Ih) (Max) 5mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 7A, 8A SCR Type Sensitive Gate Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3			
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)25μAVoltage - On State (Vtm) (Max)1.95VCurrent - On State (It (AV)) (Max)500mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Hold (Ih) (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Manufacturer Part Number	P0111MA2AL3	
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Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)25μAVoltage - On State (Vtm) (Max)1.95VCurrent - On State (It (AV)) (Max)500mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3		Thyristors - SCRs	
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Voltage - On State (Vtm) (Max)1.95 VCurrent - On State (It (AV)) (Max)500mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Voltage - Gate Trigger (Vgt) (Max)	800mV	
Current - On State (It (AV)) (Max)500mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Current - Gate Trigger (Igt) (Max)	25μΑ	
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Sensitive Gate Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Voltage - On State (Vtm) (Max)	1.95V	
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SCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Current - Off State (Max)	10μΑ	
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Current - Non Rep. Surge 50, 60Hz (Itsm)	7A, 8A	
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	SCR Type	Sensitive Gate	
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package TO-92-3	Mounting Type	Through Hole	
	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	
Report errors?	Supplier Device Package	TO-92-3	
			Report errors?

P0111MA2AL3 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.

P0111MA2AL3 Payment Methods



















P0111MA2AL3 Shipping Methods













If you have any question about P0111MA2AL3, please do not hesitate to contact us!

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