

SMAJ51CA R3G

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SMAJ51CA R3G Information

Heisener.com	Part Number	SMAJ51CA R3G
	Manufacturer	TSC America Inc.
	Category	Circuit Protection TVS - Diodes
	Description	DIODE, TVS, BIDIRECTIONAL, 400W,
	Package	DO-214AC, SMA
		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com

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.



SMAJ51CA R3G Specifications

ManufacturerTSC America Inc.CategoryCircuit ProtectionPackageTVS - DiodesPackageDO-214AC, SMASeriesSMAJTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51.VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µS)4.9APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-S5°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC, SMA		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AC, SMASeriesSMAJTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51/VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower Line ProtectionMouApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC, SMA	Manufacturer Part Number	SMAJ51CA R3G
TVS - DiodesPackageDO-214AC, SMASeriesSMAJTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer	TSC America Inc.
PackageDO-214AC, SMASeriesSMAJTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeSurface MountMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Category	Circuit Protection
NoteStateTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageDo-214AC (SMA)		TVS - Diodes
TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Package	DO-214AC, SMA
Image: AntiperformanceImage: AntiperformanceUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse (10/1000µs)400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Series	SMAJ
Bidirectional Channels1Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse (10/1000µs)400WPower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Туре	Zener
Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/100µs)4.9APower - Peak Pulse (10/100µs)400WPower - Peak PulseNoPower Line ProtectionSeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Unidirectional Channels	-
Voltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Reverse Standoff (Typ)	51V
Current - Peak Pulse (10/1000µs)4.9APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Breakdown (Min)	56.7V
Power - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Clamping (Max) @ Ipp	82.4V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Current - Peak Pulse (10/1000µs)	4.9A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power - Peak Pulse	400W
Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Capacitance @ Frequency	-
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DO-214AC (SMA)	Mounting Type	Surface Mount
	Package / Case	DO-214AC, SMA
Report errors?	Supplier Device Package	DO-214AC (SMA)
		Report errors?

SMAJ51CA R3G 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.

SMAJ51CA R3G Payment Methods



SMAJ51CA R3G Shipping Methods



If you have any question about SMAJ51CA R3G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com