

# SA130CAHA0G

quest a Quote

### **SA130CAHA0G Information**

Part Number	SA130CAHA0G
Manufacturer	TSC America Inc.
Category	Circuit Protection TVS - Diodes
Description	DIODE, TVS, BIDIRECTIONAL, 500W,
Package	DO-204AC, DO-15, Axial
	For the pricing/inventory/lead time, please contact
	us Website: https://www.heisener.com E-mail: salesdept@heisener.com
	Manufacturer Category Description

# **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.



# **SA130CAHA0G Specifications**

Manufacturer Part NumberSA130CAHA0GManufacturer ATSC America Inc.CategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDo-204AC, DO-15, AxialSeriesAutomotive, AEC-Q101, SATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)130VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VOwer - Peak Pulse (10/100µs)500WPower Line ProtectionAutomotiveApplicationsConductCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeDo-204AC, DO-15, AxialSupplier Device PackageDo-204AC, DO-15, AxialSupplier Device PackageDo-204AC, DO-15, Axial	-	
CategoryCircuit ProtectionTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesAutomotive, AEC-Q101, SATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)130VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/100µs)500WPower Line ProtectionNoApplicationsAutomotiveApplications-Operating Temperature-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeDo-204AC, DO-15, AxialPower Lose PackageDo-204AC, DO-15, Axial	Manufacturer Part Number	SA130CAHA0G
TVS - DiodesPackageDO-204AC, DO-15, AxialSeriesAutomotive, AEC-Q101, SATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)130VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/1000µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, Axial	Manufacturer	TSC America Inc.
PackageDO-204AC, DO-15, AxialSeriesAutomotive, AEC-Q101, SATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)J30VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/1000µs)S00WPower - Peak Pulse500WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeDO-204AC, DO-15, AxialPower CaseDO-204AC (DO-15)	Category	Circuit Protection
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TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)130VVoltage - Reverse Standoff (Typ)144VVoltage - Breakdown (Min)209VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/100µs)500WPower - Peak Pulse500WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Package	DO-204AC, DO-15, Axial
AUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)130VVoltage - Reverse Standoff (Typ)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/1000µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Series	Automotive, AEC-Q101, SA
Bidirectional Channels1Bidirectional Channels130VVoltage - Reverse Standoff (Typ)130VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/1000µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCoperating Temperature-5°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Туре	Zener
Voltage - Reverse Standoff (Typ)130VVoltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/100µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Unidirectional Channels	-
Voltage - Breakdown (Min)144VVoltage - Clamping (Max) @ Ipp209VCurrent - Peak Pulse (10/1000µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeDo-204AC, DO-15, AxialPackage / CaseDO-204AC (DO-15)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp 209V   Current - Peak Pulse (10/1000µs) 2.5A   Power - Peak Pulse 500W   Power - Peak Pulse No   Power Line Protection No   Applications Automotive   Capacitance @ Frequency -   Operating Temperature -55°C ~175°C (TJ)   Mounting Type Through Hole   Package / Case DO-204AC, DO-15, Axial   Supplier Device Package DO-204AC (DO-15)	Voltage - Reverse Standoff (Typ)	130V
Current - Peak Pulse (10/1000µs)2.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Voltage - Breakdown (Min)	144V
Power - Peak Pulse500WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Voltage - Clamping (Max) @ Ipp	209V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Current - Peak Pulse (10/1000µs)	2.5A
ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Power - Peak Pulse	500W
InCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Power Line Protection	No
Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Applications	Automotive
Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Capacitance @ Frequency	-
Package / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package DO-204AC (DO-15)	Mounting Type	Through Hole
	Package / Case	DO-204AC, DO-15, Axial
Report errors?	Supplier Device Package	DO-204AC (DO-15)
		Report errors?

#### **SA130CAHA0G 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.

## SA130CAHA0G Payment Methods



# SA130CAHA0G Shipping Methods



If you have any question about SA130CAHA0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com