



### **P6KE56A A0G Information**

Heisener.com

For Reference Only

Part Number P6KE56A A0G

Manufacturer TSC America Inc.

Category Circuit Protection
TVS - Diodes

**Description** DIODE, TVS, UNIDIRECTIONAL, 600W

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



Request a Quote

## **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.









## **P6KE56A A0G Specifications**

Manufacturer Part Number         P6KE56A A0G           Manufacturer         TSC America Inc.           Category         Circuit Protection           TVS - Diodes           Package         DO-204AC, DO-15, Axial           Series         P6KE           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         47.8V           Voltage - Breakdown (Min)         53.2V           Voltage - Clamping (Max) @ Ipp         77V           Current - Peak Pulse (10/1000µs)         8.1A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -55°C ~ 175°C (TI)           Mounting Type         Through Hole           Package / Case         DO-204AC, DO-15, Axial           Supplier Device Package         DO-204AC (DO-15)	•	
Category         Circuit Protection           TVS - Diodes           Package         DO-204AC, DO-15, Axial           Series         P6KE           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         47.8V           Voltage - Breakdown (Min)         53.2V           Voltage - Clamping (Max) @ Ipp         77V           Current - Peak Pulse (10/1000μs)         8.1A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         General Purpose           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)	Manufacturer Part Number	P6KE56A A0G
Package         DO-204AC, DO-15, Axial           Series         P6KE           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         47.8V           Voltage - Breakdown (Min)         53.2V           Voltage - Clamping (Max) @ Ipp         77V           Current - Peak Pulse (10/1000μs)         8.1A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         General Purpose           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)	Manufacturer	TSC America Inc.
PackageDO-204AC, DO-15, AxialSeriesP6KETypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)47.8VVoltage - Breakdown (Min)53.2VVoltage - Clamping (Max) @ Ipp77VCurrent - Peak Pulse (10/1000μs)8.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Category	Circuit Protection
SeriesP6KETypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)47.8VVoltage - Breakdown (Min)53.2VVoltage - Clamping (Max) @ Ipp77VCurrent - Peak Pulse (10/1000μs)8.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)		TVS - Diodes
Type Zener Unidirectional Channels Bidirectional Channels - Voltage - Reverse Standoff (Typ) 47.8V Voltage - Breakdown (Min) 53.2V Voltage - Clamping (Max) @ Ipp 77V Current - Peak Pulse (10/1000µs) 8.1A Power - Peak Pulse 600W Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Package / Case DO-204AC, DO-15, Axial Supplier Device Package	Package	DO-204AC, DO-15, Axial
Unidirectional Channels  Bidirectional Channels  - Voltage - Reverse Standoff (Typ)  47.8V  Voltage - Breakdown (Min)  53.2V  Voltage - Clamping (Max) @ Ipp  77V  Current - Peak Pulse (10/1000µs)  8.1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Series	P6KE
Bidirectional Channels  Voltage - Reverse Standoff (Typ)  47.8V  Voltage - Breakdown (Min)  53.2V  Voltage - Clamping (Max) @ Ipp  77V  Current - Peak Pulse (10/1000μs)  8.1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  -  Operating Temperature  75°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Туре	Zener
Voltage - Reverse Standoff (Typ)  Voltage - Breakdown (Min)  53.2V  Voltage - Clamping (Max) @ Ipp  77V  Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Unidirectional Channels	1
Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  77V  Current - Peak Pulse (10/1000μs)  8.1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp  Current - Peak Pulse (10/1000μs)  8.1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Voltage - Reverse Standoff (Typ)	47.8V
Current - Peak Pulse (10/1000µs)  8.1A  Power - Peak Pulse 600W  Power Line Protection No Applications General Purpose  Capacitance @ Frequency -55°C ~ 175°C (TJ)  Mounting Type Through Hole  Package / Case DO-204AC, DO-15, Axial  Supplier Device Package DO-204AC (DO-15)	Voltage - Breakdown (Min)	53.2V
Power - Peak Pulse 600W  Power Line Protection No Applications General Purpose  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 - Clamping (Max) @ Ipp	77V
Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Current - Peak Pulse (10/1000µs)	8.1A
Applications  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)	Power - Peak Pulse	600W
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)	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	General Purpose
Mounting Type Through Hole Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15)	Capacitance @ Frequency	-
Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-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?

#### P6KE56A A0G 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.

# P6KE56A A0G Payment Methods



















## **P6KE56A A0G Shipping Methods**













If you have any question about P6KE56A A0G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com