



TPSMA6L8.0A Information



For Reference Only

Part Number TPSMA6L8.0A

Manufacturer Littelfuse Inc.

Category Circuit Protection
TVS - Diodes

DescriptionTVS DIODE 8VWM 13.6VC SMA**Package**DO-221AC, SMA Flat Leads

For the pricing/inventory/lead time, please contact

us

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



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TPSMA6L8.0A Specifications

Manufacturer Part NumberTPSMA6L8.0AManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-221AC, SMA Flat LeadsSeriesAutomotive, AEC-Q101, TPSMA6LTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000μs)44.2APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Consenting Temperature500C, 150CC (TD)	•	
Category Circuit Protection TVS - Diodes Package DO-221AC, SMA Flat Leads Series Automotive, AEC-Q101, TPSMA6L Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000µs) 44.2A Power - Peak Pulse Power Line Protection No Applications Automotive Capacitance @ Frequency -	Manufacturer Part Number	TPSMA6L8.0A
TVS - Diodes Package DO-221AC, SMA Flat Leads Series Automotive, AEC-Q101, TPSMA6L Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency -	Manufacturer	Littelfuse Inc.
Package DO-221AC, SMA Flat Leads Series Automotive, AEC-Q101, TPSMA6L Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse Power Line Protection No Applications Automotive Capacitance @ Frequency -	Category	Circuit Protection
Series Automotive, AEC-Q101, TPSMA6L Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency -		TVS - Diodes
Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000µs) 44.2A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency -	Package	DO-221AC, SMA Flat Leads
Unidirectional Channels Bidirectional Channels Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000µs) Power - Peak Pulse 600W Power Line Protection Applications Capacitance @ Frequency -	Series	Automotive, AEC-Q101, TPSMA6L
Bidirectional Channels Voltage - Reverse Standoff (Typ) 8V Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse 600W Power Line Protection Applications Automotive Capacitance @ Frequency -	Туре	Zener
Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000µs) 44.2A Power - Peak Pulse 600W Power Line Protection Applications Automotive Capacitance @ Frequency -	Unidirectional Channels	1
Voltage - Breakdown (Min) 8.89V Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse 600W Power Line Protection Applications Automotive Capacitance @ Frequency -	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp 13.6V Current - Peak Pulse (10/1000μs) 44.2A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency -	Voltage - Reverse Standoff (Typ)	8V
Current - Peak Pulse (10/1000µs) Power - Peak Pulse 600W Power Line Protection Applications Automotive Capacitance @ Frequency	Voltage - Breakdown (Min)	8.89V
Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency -	Voltage - Clamping (Max) @ Ipp	13.6V
Power Line Protection No Applications Automotive Capacitance @ Frequency -	Current - Peak Pulse (10/1000µs)	44.2A
Applications Automotive Capacitance @ Frequency -	Power - Peak Pulse	600W
Capacitance @ Frequency -	Power Line Protection	No
	Applications	Automotive
00 T	Capacitance @ Frequency	-
Operating Temperature -50°C ~ 150°C (13)	Operating Temperature	-50°C ~ 150°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case DO-221AC, SMA Flat Leads	Package / Case	DO-221AC, SMA Flat Leads
Supplier Device Package DO-221AC	Supplier Device Package	DO-221AC
Report errors?		Report errors?

TPSMA6L8.0A 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.

TPSMA6L8.0A Payment Methods



















TPSMA6L8.0A Shipping Methods













If you have any question about TPSMA6L8.0A, please do not hesitate to contact us!

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