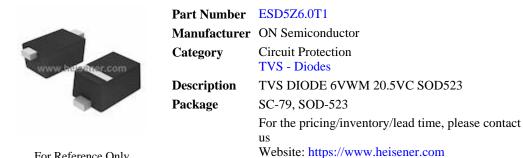


ESD5Z6.0T1

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ESD5Z6.0T1 Information





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.



ESD5Z6.0T1 Specifications

Manufacturer ON Semiconductor Category Circuit Protection TVS - Diodes TVS - Diodes Package SC-79, SOD-523 Series - Type Zener Undirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 6V (Max) Voltage - Breakdown (Min) 6.8V Voltage - Clamping (Max) @ Ipp 20.5V Current - Peak Pulse (10/1000µs) 8.8A (8/20µs) Power Line Protection No Applications General Purpose Capacitance @ Frequency 70pF @ 1MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case SC-79, SOD-523		
CategoryCircuit ProtectionTVS - DiodesPackageSC - 79, SOD - 523Series-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)6V (Max)Voltage - Breakdown (Min)6.8VVoltage - Clamping (Max) @ Ipp20.5VCurrent - Peak Pulse (10/100µs)8.8A (8/20µs)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency70pF @ 11HIzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-79, SOD-523Supplier Device PackageSDD-523	Manufacturer Part Number	ESD5Z6.0T1
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Voltage - Reverse Standoff (Typ)6V (Max)Voltage - Breakdown (Min)6.8VVoltage - Clamping (Max) @ Ipp20.5VCurrent - Peak Pulse (10/1000µs)8.8A (8/20µs)Power - Peak Pulse (10/1000µs)181WPower - Peak PulseNoPower Line ProtectionGeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency70pF @ 1MHzOperating TemperatureSurface MountPackage / CaseSC - 79, SOD-523Supplier Device PackageSOD-523	Unidirectional Channels	1
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Power - Peak Pulse181WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency70pF @ 1MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-79, SOD-523Supplier Device PackageSOD-523	Voltage - Clamping (Max) @ Ipp	20.5V
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ApplicationsGeneral PurposeCapacitance @ Frequency70pF @ 1MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSC - 79, SOD-523Supplier Device PackageSOD-523	Power - Peak Pulse	181W
Capacitance @ Frequency70pF @ 1MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-79, SOD-523Supplier Device PackageSOD-523	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-79, SOD-523Supplier Device PackageSOD-523	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseSC-79, SOD-523Supplier Device PackageSOD-523	Capacitance @ Frequency	70pF @ 1MHz
Package / CaseSC-79, SOD-523Supplier Device PackageSOD-523	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package SOD-523	Mounting Type	Surface Mount
	Package / Case	SC-79, SOD-523
Report errors?	Supplier Device Package	SOD-523
		Report errors?

E-mail: salesdept@heisener.com

ESD5Z6.0T1 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.

ESD5Z6.0T1 Payment Methods



ESD5Z6.0T1 Shipping Methods



If you have any question about ESD5Z6.0T1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com