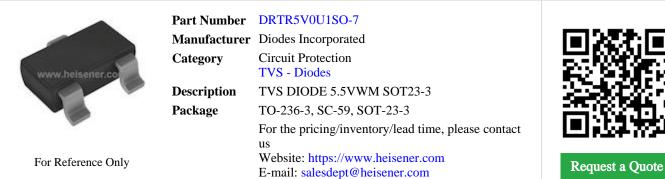


DRTR5V0U1SO-7

DRTR5V0U1SO-7 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.



DRTR5V0U1SO-7 Specifications

Manufacturer Part NumberDRTR5V0UISO-7ManufacturerDiodes IncorporatedCategoryCircuit ProtectionTVS - DiodesPackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101TypeSteering (Rail to Rail)Undirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Clamping (Max) @ Ipp-Ower - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ FrequencyJife @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseCor-236-3, SC-59, SOT-23-3		
Category Circuit Protection TVS - Diodes Package TO-236-3, SC-59, SOT-23-3 Series Automotive, AEC-Q101 Type Steering (Rail to Rail) Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) Sty (Max) Voltage - Breakdown (Min) 6V Voltage - Clamping (Max) @ Ipp - Power - Peak Pulse (10/1000µs) - Power Line Protection Yes Applications Automotive, HDMI Operating Temperature - Operating Temperature - Mounting Type Stor Cato, SC-59, SOT-23-3	Manufacturer Part Number	DRTR5V0U1SO-7
TVS - DiodesPackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101TypeSteering (Rail to Rail)Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency-65°C ~ 150°C (TJ)Operating TemperatureSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Manufacturer	Diodes Incorporated
PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101TypeStering (Rail to Rail)Undirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Power Leverse Standoff (Typ)-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ FrequencyIpf @ 11MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Category	Circuit Protection
SeriesAutomotive, AEC-Q101TypeSteering (Rail to Rail)Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power Line ProtectionYesApplicationsJuff @ 1MHzCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SCT-53-3		TVS - Diodes
TypeSteering (Rail to Rail)Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power Line ProtectionYesApplicationsJuff @ IMHzCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power Line ProtectionYesApplicationsIpF @ 1MHzCapacitance @ Frequency-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Series	Automotive, AEC-Q101
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency-65°C ~ 150°C (TJ)Operating TemperatureSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Туре	Steering (Rail to Rail)
Voltage - Reverse Standoff (Typ)5.5V (Max)Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Voltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTo-236-3, SC7-59, SOT-23-3	Unidirectional Channels	1
Voltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Voltage - Reverse Standoff (Typ)	5.5V (Max)
Current - Peak Pulse (10/1000µs)-Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Voltage - Breakdown (Min)	6V
Power - Peak Pulse-Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ FrequencyIpF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC7-59, SOT-23-3	Voltage - Clamping (Max) @ Ipp	-
Power Line ProtectionYesApplicationsAutomotive, HDMICapacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Current - Peak Pulse (10/1000µs)	-
ApplicationsAutomotive, HDMICapacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Power - Peak Pulse	-
Capacitance @ Frequency1pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Power Line Protection	Yes
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Applications	Automotive, HDMI
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Capacitance @ Frequency	1pF @ 1MHz
Package / Case TO-236-3, SC-59, SOT-23-3	Operating Temperature	-65°C ~ 150°C (TJ)
	Mounting Type	Surface Mount
Supplier Device Package SOT 23	Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Fackage SU1-25	Supplier Device Package	SOT-23
Report errors?		Report errors?

DRTR5V0U1SO-7 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.

DRTR5V0U1SO-7 Payment Methods



DRTR5V0U1SO-7 Shipping Methods



If you have any question about DRTR5V0U1SO-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com