

# SM12-7

#### **SM12-7 Information**



Part Number	SM12-7
Manufacturer	Diodes Incorporated
Category	Circuit Protection TVS - Diodes
Description	TVS DIODE 12VWM 19VC SOT23
Package	TO-236-3, SC-59, SOT-23-3
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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For Reference Only

## **Certified Quality**

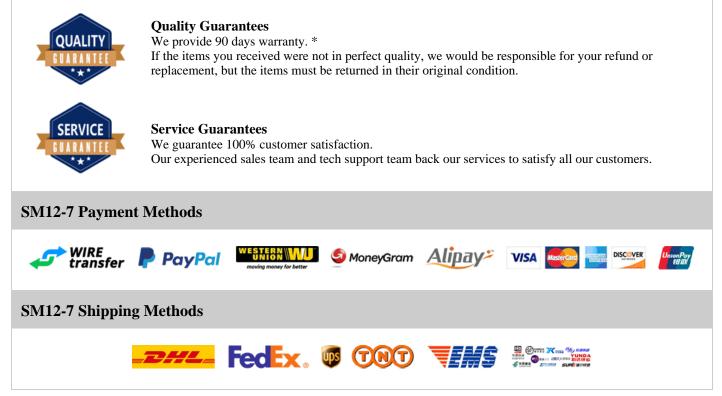
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **SM12-7 Specifications**

Manufacturer Part Number	SM12-7
Manufacturer	Diodes Incorporated
Category	Circuit Protection
	TVS - Diodes
Package	TO-236-3, SC-59, SOT-23-3
Series	Automotive, AEC-Q101
Туре	Zener
Unidirectional Channels	2
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	12V (Max)
Voltage - Breakdown (Min)	13.3V
Voltage - Clamping (Max) @ Ipp	19V
Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Power - Peak Pulse	300W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	95pF @ 1MHz
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package	SOT-23
	Report errors

#### **SM12-7 Guarantees**



If you have any question about SM12-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com