



#### **MUR105RL Information**



For Reference Only

Part Number MUR105RL

Manufacturer ON Semiconductor

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 50V 1A AXIAL

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



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## **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.









### **MUR105RL Specifications**

Manufacturer Part NumberMUR 105RLManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesSWITCHMODE?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If875mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2μA @ 50VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Treative the Specifications	
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery = < 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  35ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  50V  1A  875mV @ 1A  875mV @ 1A  875mV @ 1A  875mV @ 1A  15mu	Series	SWITCHMODE?
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Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  35ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  875mV @ 1A  900mA (Io)  35ns  Current - Reverse Leakage 90  Photographic Povice Package 90  Axial  Operating Temperature - Junction -65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	50V
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Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Axial  Operating Temperature - Junction  -65°C ~ 175°C	Reverse Recovery Time (trr)	35ns
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Package / Case DO-204AL, DO-41, Axial Supplier Device Package Axial Operating Temperature - Junction -65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package Axial  Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	Axial
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

#### **MUR105RL 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.

# **MUR105RL Payment Methods**



















## **MUR105RL Shipping Methods**













If you have any question about MUR105RL, please do not hesitate to contact us!

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