

# IDM05G120C5XTMA1

### IDM05G120C5XTMA1 Information



t Number	IDM05G120C5XTMA1	
nufacturer	Infineon Technologies	
egory	Discrete Semiconductor Products Diodes - Rectifiers - Single	
cription	DIODE SCHOTTKY 1200V 5A TO252-2	
kage	TO-252-3, DPak (2 Leads + Tab), SC-63	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	
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# IDM05G120C5XTMA1 Specifications

Manufacturer Part NumberIDM05G120C5XTMA1ManufacturerInfineon TechnologiesCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesthinQ!?Diode TypeSilicon Carbide SchottkyVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)5A (DC)Voltage - Forward (Vf) (Max) @ If1.8V @ 5ASpeedNo Recovery Time > 500mA (Io)Reverse Recovery Time (trr)OnsCurrent - Reverse Leakage @ Vr31µA @ 1200VCapacitance @ Vr, FSurface MountMounting TypeSurface MountPackage / CaseGG-T0252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackagePG-T0252-2Operating Temperature - Junction-55°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesthinQ!?Diode TypeSilicon Carbide SchottkyVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)5A (DC)Voltage - Forward (Vf) (Max) @ If1.8V @ 5ASpeedNo Recovery Time > 500mA (Io)Reverse Recovery Time (trr)0nsCurrent - Reverse Leakage @ Vr31µA @ 1200VCurrent - Reverse Leakage @ VrSolipF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackagePG-T0252-2Operating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	IDM05G120C5XTMA1
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Speed No Recovery Time > 500mA (Io)   Reverse Recovery Time (trr) 0ns   Current - Reverse Leakage @ Vr 33µA @ 1200V   Capacitance @ Vr, F 301pF @ 1V, 1MHz   Mounting Type Surface Mount   Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63   Supplier Device Package PG-TO252-2   Operating Temperature - Junction -55°C ~ 175°C	Current - Average Rectified (Io)	5A (DC)
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Supplier Device PackagePG-TO252-2Operating Temperature - Junction-55°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	PG-TO252-2
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

#### IDM05G120C5XTMA1 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.

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### IDM05G120C5XTMA1 Payment Methods



# IDM05G120C5XTMA1 Shipping Methods



If you have any question about IDM05G120C5XTMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com

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