



MCR12DSMT4G Information



For Reference Only

Part Number MCR12DSMT4G Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description THYRISTOR SCR 12A 600V DPAK **Package** 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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Certified Quality

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MCR12DSMT4G Specifications

Manufacturer Part Number MCR12DSMT4G Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1V Current - Gate Trigger (Igt) (Max) 200μA Voltage - On State (Vtm) (Max) 1.9V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz Scr Type Sensitive Gate		
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Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1V Current - Gate Trigger (Igt) (Max) 200μA Voltage - On State (Vtm) (Max) 1.9V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz		Thyristors - SCRs
Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 600V 1V 200µA 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10µA	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
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Voltage - On State (Vtm) (Max) 1.9V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Voltage - Gate Trigger (Vgt) (Max)	1V
Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Current - Gate Trigger (Igt) (Max)	200μΑ
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Voltage - On State (Vtm) (Max)	1.9V
Current - Hold (Ih) (Max) 6mA Current - Off State (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Current - On State (It (AV)) (Max)	7.6A
Current - Off State (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Current - On State (It (RMS)) (Max)	12A
Current - Non Rep. Surge 50, 60Hz (Itsm) 100A @ 60Hz	Current - Hold (Ih) (Max)	6mA
	Current - Off State (Max)	10μΑ
SCR Type Sensitive Gate	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A @ 60Hz
Delivative Sales	SCR Type	Sensitive Gate
Operating Temperature $-40^{\circ}\text{C} \sim 110^{\circ}\text{C}$	Operating Temperature	-40°C ~ 110°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package DPAK-3	Supplier Device Package	DPAK-3
Report errors?		Report errors?

MCR12DSMT4G 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.

MCR12DSMT4G Payment Methods



















MCR12DSMT4G Shipping Methods













If you have any question about MCR12DSMT4G, please do not hesitate to contact us!

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