

MCD40-16IO6

MCD40-16IO6 Information

9 e	Part Number Manufacturer	MCD40-16IO6 IXYS	
www.tejsener.com	Category	Discrete Semiconductor Products Thyristors - SCRs - Modules	
	Description	MOD THYRISTOR/DIO 1600V SOT-227B	
	Package	SOT-227-4, miniBLOC	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		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.



MCD40-16IO6 Specifications

Manufacturer Part NumberMCD40-16106ManufacturerIXYSCategoryDiscrete Semiconductor ProductsThyristors - SCRs - ModulesPackageSOT-227-4, miniBLOCSeries-StructureSeries Connection - SCR/DiodeNumber of SCRs, Diodes1 SCR, 1 DiodeVoltage - Off State1600VCurrent - On State (It (AV)) (Max)38ACurrent - On State (It (RMS)) (Max)60AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeExclaser GarenDeclaser GeneCarrent FURCDeclaser GeneChasis Mount		
CategoryDiscrete Semiconductor Products Thyristors - SCRs - ModulesPackageSOT-227-4, miniBLOCSeries-StructureSeries Connection - SCR/DiodeNumber of SCRs, Diodes1 SCR, 1 DiodeVoltage - Off State1600VCurrent - On State (It (AV)) (Max)38ACurrent - On State (It (RMS)) (Max)60AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Manufacturer Part Number	MCD40-16IO6
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Number of SCRs, Diodes1 SCR, 1 DiodeVoltage - Off State1600VCurrent - On State (It (AV)) (Max)38ACurrent - On State (It (RMS)) (Max)60AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)100mACurrent - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Series	-
Voltage - Off State 1600V Current - On State (It (AV)) (Max) 38A Current - On State (It (RMS)) (Max) 60A Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 100mA Current - Non Rep. Surge 50, 60Hz (Itsm) 500A, 440A Current - Hold (Ih) (Max) 200mA Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount	Structure	Series Connection - SCR/Diode
Current - On State (It (AV)) (Max) 38A Current - On State (It (RMS)) (Max) 60A Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 100mA Current - Non Rep. Surge 50, 60Hz (Itsm) 500A, 440A Current - Hold (Ih) (Max) 200mA Operating Temperature -40°C ~150°C (TJ) Mounting Type Chassis Mount	Number of SCRs, Diodes	1 SCR, 1 Diode
Current - On State (It (RMS)) (Max)60AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)100mACurrent - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Voltage - Off State	1600V
Voltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)100mACurrent - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~150°C (TJ)Mounting TypeChassis Mount	Current - On State (It (AV)) (Max)	38A
Current - Gate Trigger (Igt) (Max)100mACurrent - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Current - On State (It (RMS)) (Max)	60A
Current - Non Rep. Surge 50, 60Hz (Itsm)500A, 440ACurrent - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Hold (Ih) (Max)200mAOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Current - Gate Trigger (Igt) (Max)	100mA
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis Mount	Current - Non Rep. Surge 50, 60Hz (Itsm)	500A, 440A
Mounting Type Chassis Mount	Current - Hold (Ih) (Max)	200mA
	Operating Temperature	-40°C ~ 150°C (TJ)
Perkage / Case SOT 227.4 miniPLOC	Mounting Type	Chassis Mount
Fackage / Case SOI-22/-4, miniBLOC	Package / Case	SOT-227-4, miniBLOC
Report errors?		Report errors?

MCD40-16IO6 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MCD40-16IO6 Payment Methods



MCD40-16IO6 Shipping Methods



If you have any question about MCD40-16IO6, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com