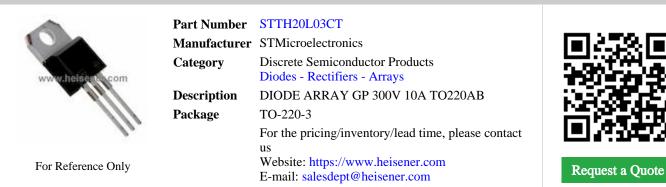


# STTH20L03CT

## STTH20L03CT Information



# **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.



# STTH20L03CT Specifications

Manufacturer Part NumberSTTH20L03CTManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductDiodes - Rectifiers - ArraysDiodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
CategoryDiscrete Semiconductor Product Diodes - Rectifiers - ArraysPackageTO-220-3Package-Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
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PackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	ts
Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
Voltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io) (per Diode)10A	
Current - Average Rectified (Io) (per Diode) 10A	
Voltage - Forward (Vf) (Max) @ If 1.2V @ 10A	
Speed Fast Recovery =< 500ns, > 200n	mA (Io)
Reverse Recovery Time (trr)26ns	
Current - Reverse Leakage @ Vr 10µA @ 300V	
Operating Temperature - Junction $-40^{\circ}C \sim 175^{\circ}C$	
Mounting Type Through Hole	
Package / Case TO-220-3	
Supplier Device Package TO-220AB	
	Report errors?

#### **STTH20L03CT 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.

## STTH20L03CT Payment Methods





If you have any question about STTH20L03CT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com