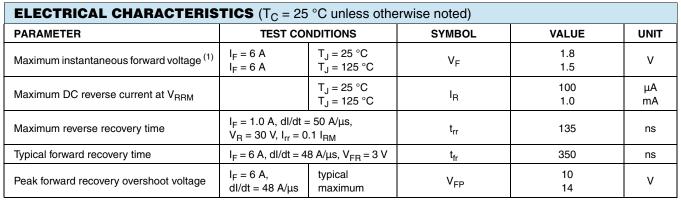
DTV56, DTV56F, DTV56B

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Note:

(1) Pulse test: 300 µs pulse width, 2 % duty cycle

THERMAL CHARACTERISTICS ($T_C = 25 \text{ °C}$ unless otherwise noted)								
PARAMETER	SYMBOL	DTV56	DTV56B	DTV56F	UNIT			
Typical thermal resistance from junction to case	$R_{ ext{ heta}JC}$	2.0		4.0	°C/W			

ORDERING INFORMATION (Example)								
PACKAGE	PREFERRED P/N	UNIT WEIGHT (g)	PACKAGE CODE	BASE QUANTITY	DELIVERY MODE			
TO-220AC	DTV56-E3/45	1.80	45	50/tube	Tube			
ITO-220AC	DTV56F-E3/45	1.95	45	50/tube	Tube			
TO-263AB	DTV56B-E3/45	1.77	45	50/tube	Tube			
TO-263AB	DTV56B-E3/81	1.77	81	800/reel	Tape and reel			

RATINGS AND CHARACTERISTICS CURVES

(T_A = 25 °C unless otherwise noted)

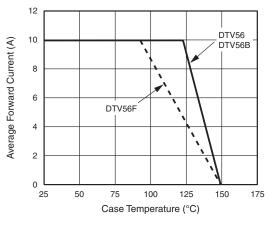


Figure 1. Forward Current Derating Curve

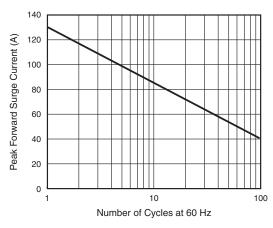


Figure 2. Maximum Non-Repetitive Peak Forward Surge Current

www.vishay.com 2 For technical questions within your region, please contact one of the following: <u>DiodesAmericas@vishay.com</u>, <u>DiodesAsia@vishay.com</u>, <u>DiodesEurope@vishay.com</u> Document Number: 88576 Revision: 14-Jan-11

ISHA

Not for New Design - End of Life - Last Available Purchase Date is 31-May-2011



DTV56, DTV56F, DTV56B

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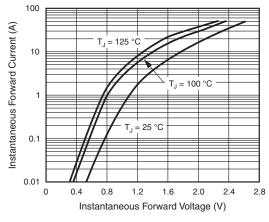


Figure 3. Typical Forward Voltage

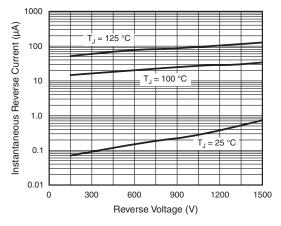


Figure 4. Typical Reverse Current

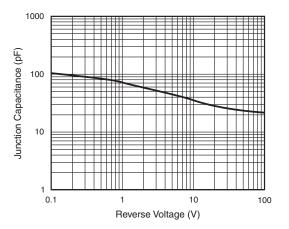


Figure 5. Typical Capacitance

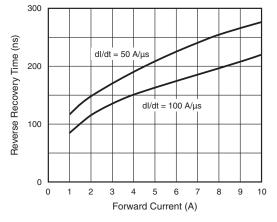
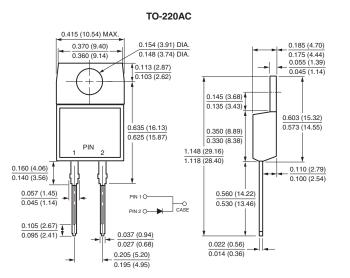


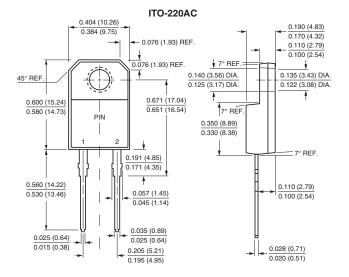
Figure 6. Typical Reverse Recovery Time

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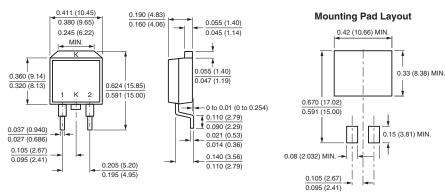






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TO-263AB





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