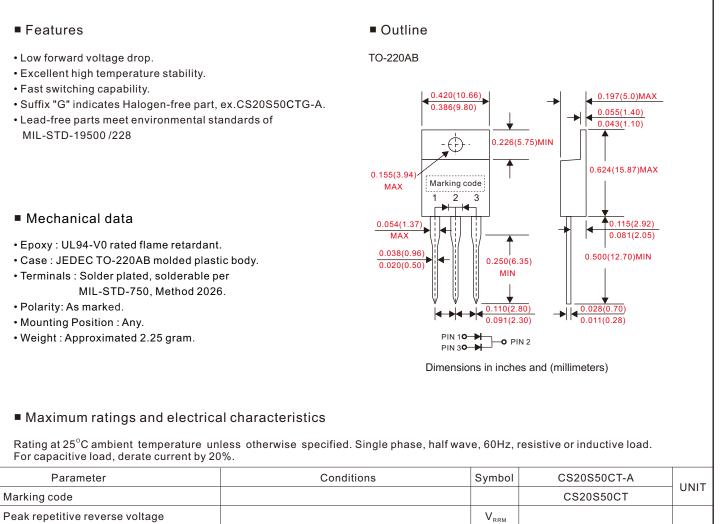
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Peak repetitive reverse voltage		V _{RRM}		
Working peak reverse voltage		V _{RWM}	50	V
DC blocking voltage		V _{RM}		
Forward rectified current (total device)	$T_c = 110^{\circ}C$	I _o	20	A
Forward surge current (per diode)	8.3ms single half sine-wave superimposed on rate load (JEDEC method)	I _{FSM}	280	A
Peak repetitive reverse surge current (per diode)	2us - 1kHz	I _{rrm}	3	А
Thermal resistance(1) (per diode)	Junction to case	R _{ejc}	4	°C/W
Operating and Storage temperature		T_J, T_{STG}	-65 ~ +150	°C

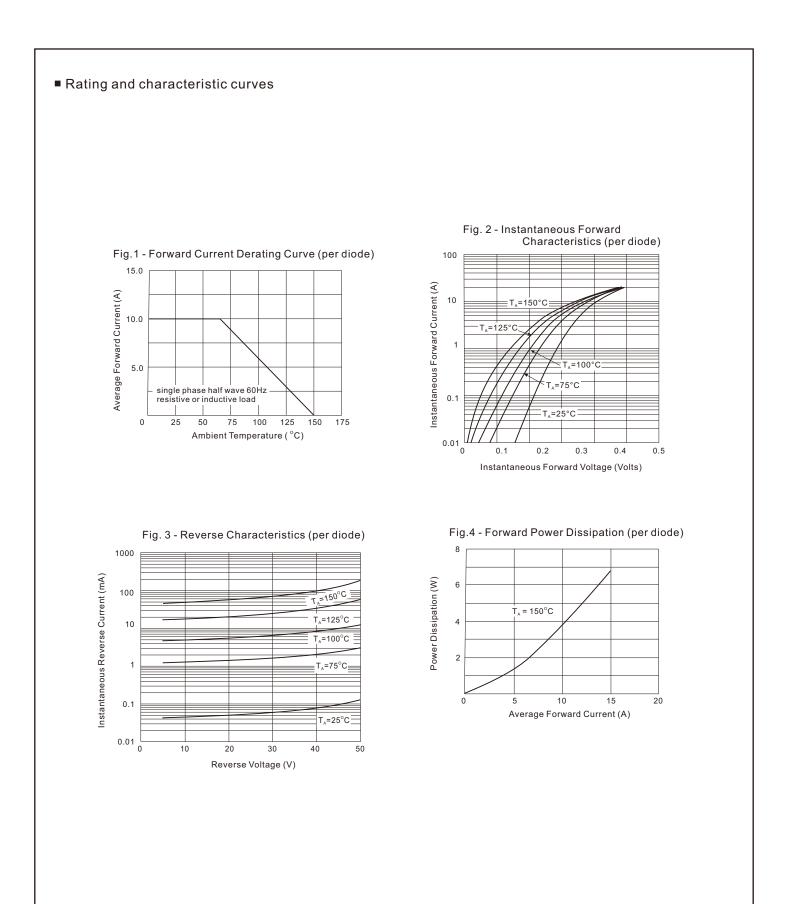
Parameter	Conditions	Symbol	MIN.	TYP.	MAX.	UNIT	
Forward voltage drop (per diode)	$I_{F} = 10A, T_{J} = 25^{\circ}C$				470	mV	
	$I_{F} = 10A, T_{J} = 125^{\circ}C$	V _F			440		
	$I_{\rm F} = 20A, T_{\rm J} = 25^{\circ}C$				600		
Reverse current (per diode)	$V_{R} = V_{RRM} T_{J} = 25^{\circ}C$				0.5	mA	
	$V_{R} = V_{RRM} T_{J} = 125^{\circ}C$	I _R			100		

Note : 1. Thermal resistance from junction to case per leg, with heatsink size(1.35" x 0.95" x 0.18") Al-plate.



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