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Junction temperature		T^j	100	°C
Power dissipation	$T^{amp} \geq 25 \text{ °C}$	P^V	100	Wm
Forward surge current	$t^p \geq 10 \mu s$	I^{SM}	3	A
Forward current		I^F	20	Am
Reverse voltage		V^R	2	V
INPUT (EMITTER)				
Soldering temperature	Distance to case $\geq 5 \text{ mm}$, $t \geq 2 s$	T^{sd}	260	°C
Storage temperature range		T^{stg}	- 40 to + 100	°C
Ambient temperature range		T^{amb}	- 40 to + 82	°C