



Epoxy meets UL-94 V-0 flammability rating
Halogen free available upon request by adding suffix "HF"
Moisture Sensitivity Level 1
Marking:

S8550-L	2TY· L
S8550-H	2TY

(Ta=25 unless otherwise noted)



		/W		417
Operation Junction Temperature	T			

		Unit	Conditions	Min	Typ	Max
Collector-base breakdown voltage	V_{CBO}	V	$I_C=-100\mu A, I_E=0$	-40		
Collector-emitter breakdown voltage	V_{CEO}	V	$I_C=-100\mu A, I_B=0$	-25		
Emitter-base breakdown voltage	V_{EBO}	V	$I_E=-100\mu A, I_C=0$	-5		
Collector-Emitter cut-off current	I_{CEX}	nA	$V_{CE}=-20V, V_{BE}=-3V$			-100
Collector-base cut-off current	I_{CBO}	nA	$V_{CB}=-40V, I_E=0$			-100
Emitter-base cut-off current	I_{EBO}	nA	$V_{EB}=-5V, I_C=0$			-100
DC current gain	h_{FE1}		$V_{CE}=-1V, I_C=-50mA$	120		350
	h_{FE2}		$V_{CE}=-1V, I_C=-500mA$	50		
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C=-500mA, I_B=-50mA$			-0.6
Base-emitter saturation voltage	$V_{BE(sat)}$	V	$I_C=-500mA, I_B=-50mA$			-1.2
Transition frequency	f_T	MHz	$V_{CE}=-6V, I_C=-20mA, f=30MHz$	150		



