

Epoxy meets UL-94 V-0 flammability rating  
 Halogen free available upon request by adding suffix "HF"  
 Moisture Sensitivity Level 1  
 Surface mount package ideally Suited for Automatic  
 Insertion  
 PNP

: SOT-23  
 : Tin plated leads, solderable per  
 J-STD-002 and JESD22-B102

2SA1037-Q	FQ
2SA1037-R	FR
2SA1037-S	FS

(Ta=25 unless otherwise noted)

Collector-Base Voltage	$V_{CBO}$	V	$I_C=-50\mu A, I_E=0$	-60
Collector-Emitter Voltage	$V_{CEO}$	V	$I_C=-1mA, I_B=0$	-50
Emitter-Base Voltage	$V_{EBO}$	V	$I_E=-50\mu A, I_C=0$	-6
Collector Current	$I_C$	A		-0.15
Collector Power Dissipation	$P_C$	mW		200
Operating Junction Temperature	$T_j$			150
Storage Temperature	$T_{stg}$			-55 to +150

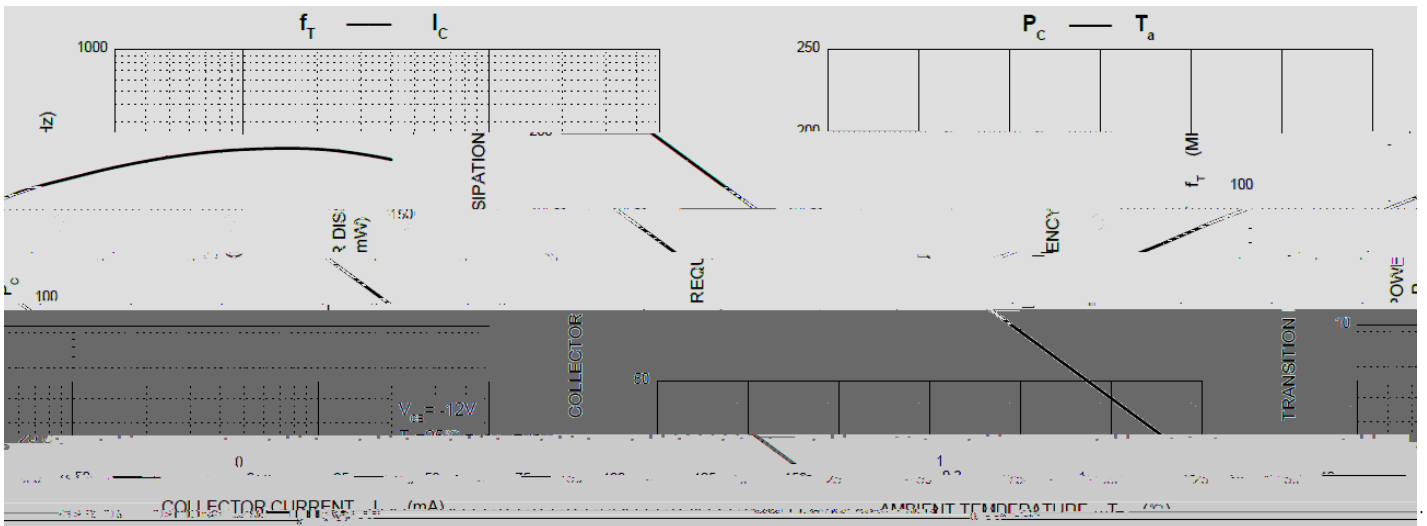
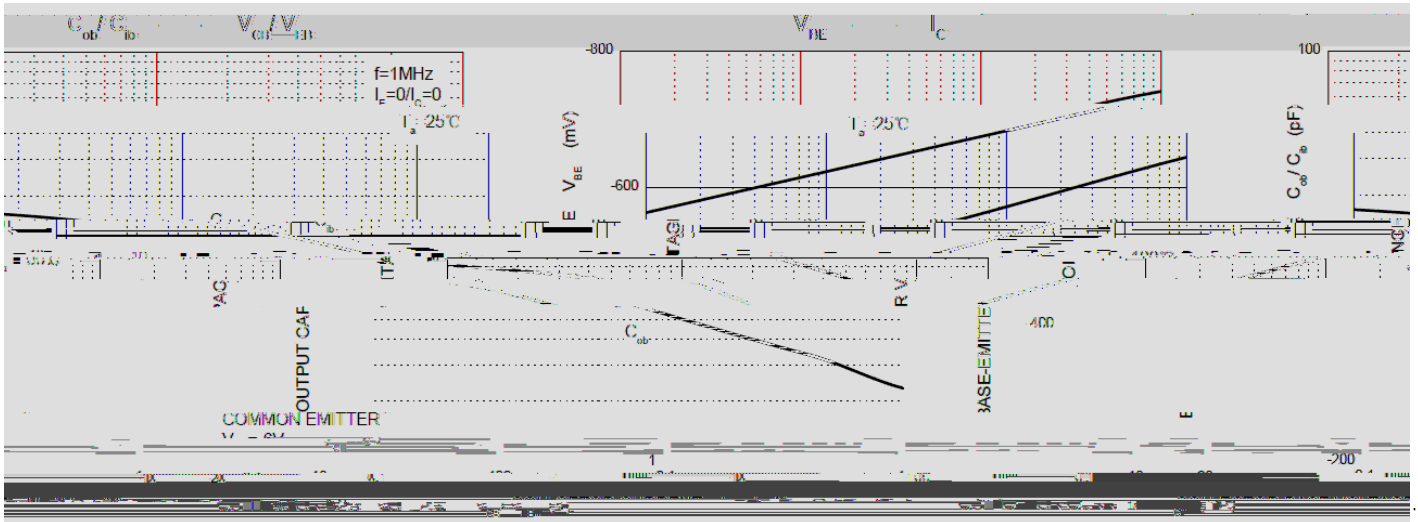
(Ta=25 unless otherwise noted)

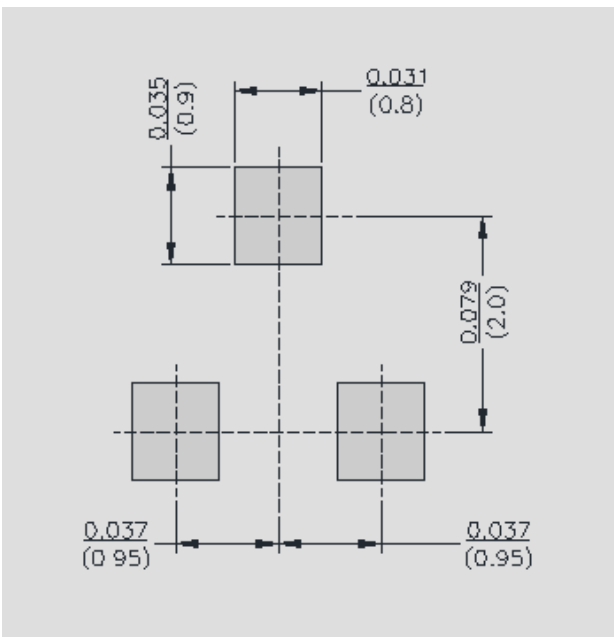
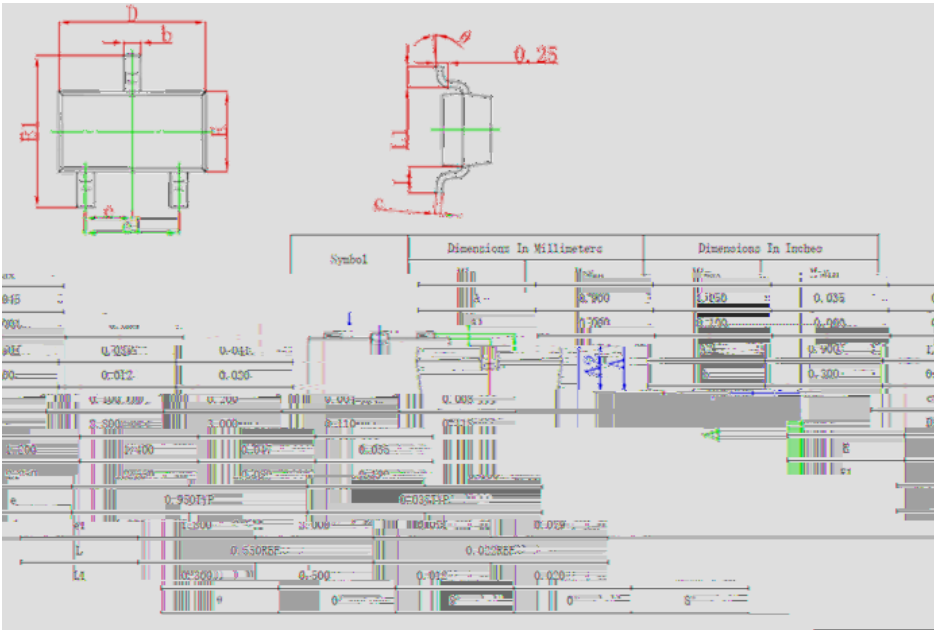
Collector-base breakdown voltage	$V_{CBO}$	V	$I_C=-50\mu A, I_E=0$	-60		
Collector-emitter breakdown voltage	$V_{CEO}$	V	$I_C=-1mA, I_B=0$	-50		
Emitter-base breakdown voltage	$V_{EBO}$	V	$I_E=-50\mu A, I_C=0$	-6		
Collector-base cut-off current	$I_{CBO}$	$\mu A$	$V_{CB}=-60V, I_E=0$			-0.1
Emitter-base cut-off current	$I_{EBO}$	$\mu A$				
	$F_E$		$V_{CE}=-6V, I_C=-1mA$	120		560
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C=-50mA, I_B=-5mA$			-0.5
Transition frequency	$f_T$	MHz	$V_{CE}=-12V, I_C=-2mA, f=30MHz$		140	
Collector-base output capacitance	$C_{ob}$	pF	$V_{CB}=-12V, I_E=0, f=1MHz$		4	5



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	Q	R	S
	120-270	180-390	270-560







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