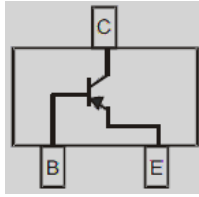


### RoHS



5

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



**VB**  $\dot{A}T_a=25$  Unless otherwise specified  $\dot{A}$

Parameter	Symbol	Unit	Conditions	MMBTA55	MMBTA56
Collector-emitter breakdown voltage	$V_{CEO}$	V	$I_C = -1mA, I_B = 0$	-60 -80	
Emitter-base breakdown voltage	$V_{EBO}$	V	$I_E = -100 \mu A, I_C = 0$	-4	
Collector-base cut-off current	$I_{CBO}$	A	$V_{CB} = -60V, I_E = 0,$ $V_{CB} = -80V, I_E = 0,$	MMBTA55 MMBTA56	-0.1 -0.1
Collector-emitter cut-off current	$I_{CES}$	A	$V_{CE} = -60V, I_B = 0V,$		-0.1
DC current gain	$h_{FE}$		$V_{CE} = -1V, I_C = -10mA$	100	400
	$h_{FE}$		$V_{CE} = -1V, I_C = -100mA$	100	
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C = -100mA, I_B = -10mA$		-0.25
Base-emitter saturation voltage	$V_{BE(sat)}$ *	V	$I_C = -100mA, I_B = -10mA$		-1.2

**VB**  $\dot{A}T_a=25$  Unless otherwise specified  $\dot{A}$

Parameter	Symbol	Unit	Conditions	MMBTA55	MMBTA56
Transition frequency	$f_T$	MHz	$V_{CE} = -1V, I_C = -100mA, f = 100MHz$	50	

**VB** (Example)

Parameter	Symbol	Unit	Conditions	MMBTA55	MMBTA56

MMBTA55

MMBTA56 MMBTA5653502.TD 5.2e fJ scn q 1 0 0 1 402.84 434.48 cm 0 0 m 72.9RTON F226 m.9 Approxi 1 e

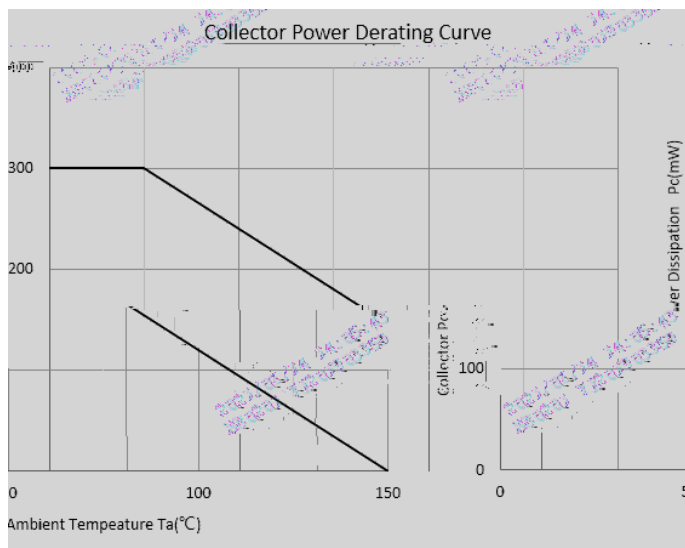
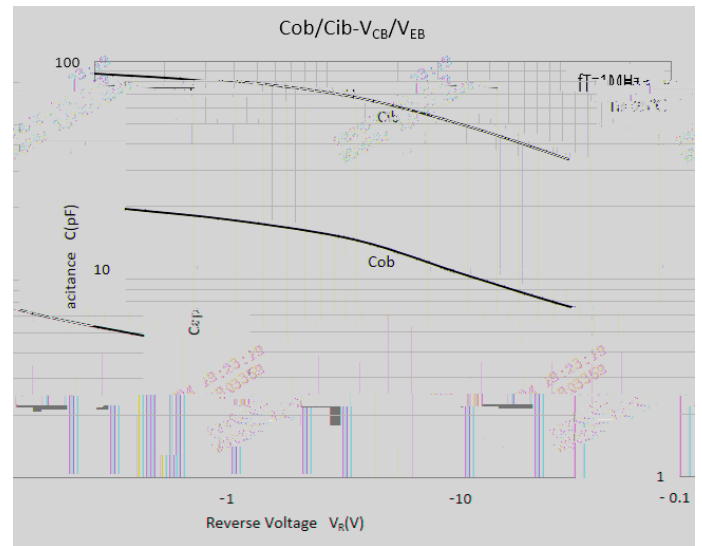
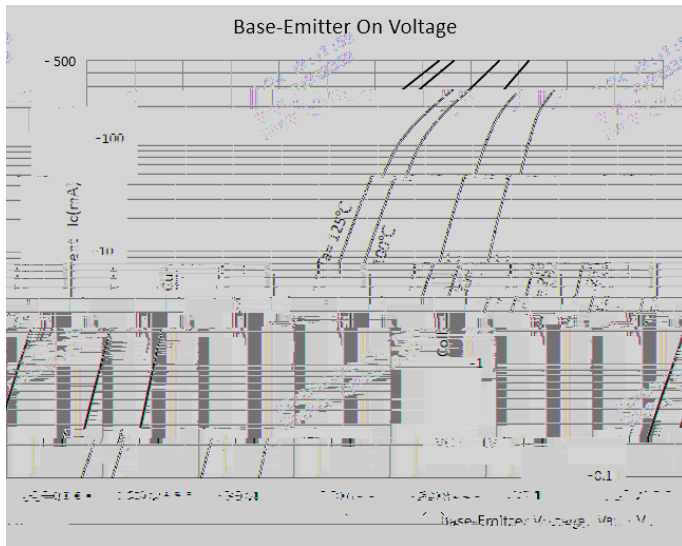
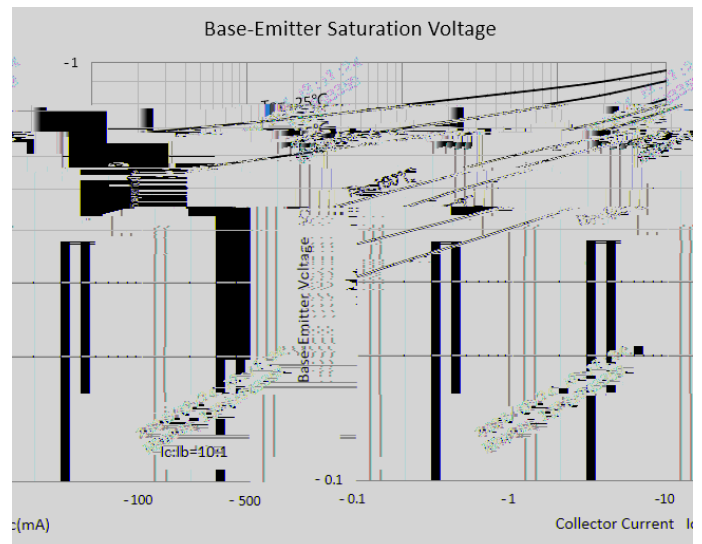
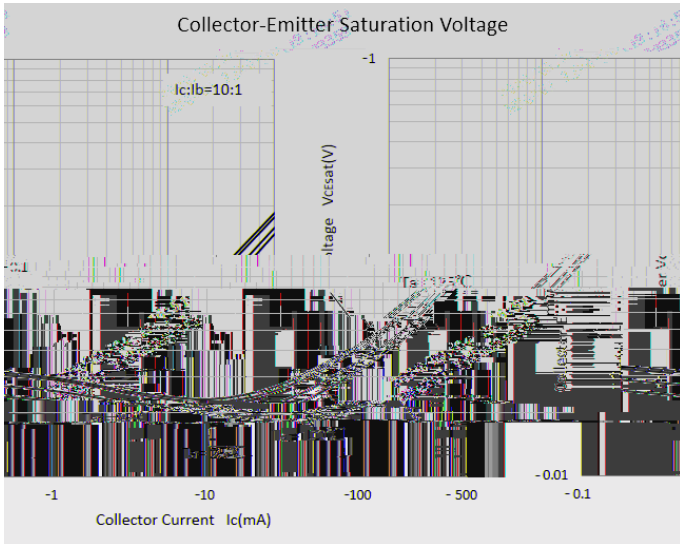


图 5

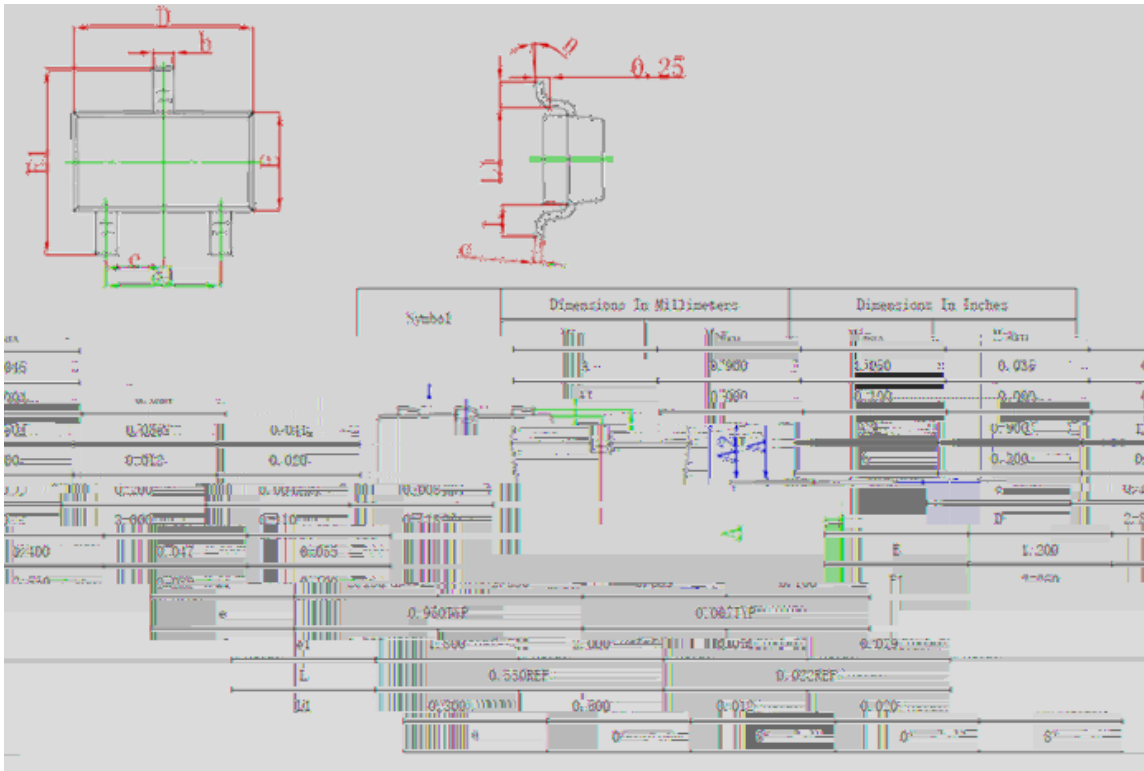
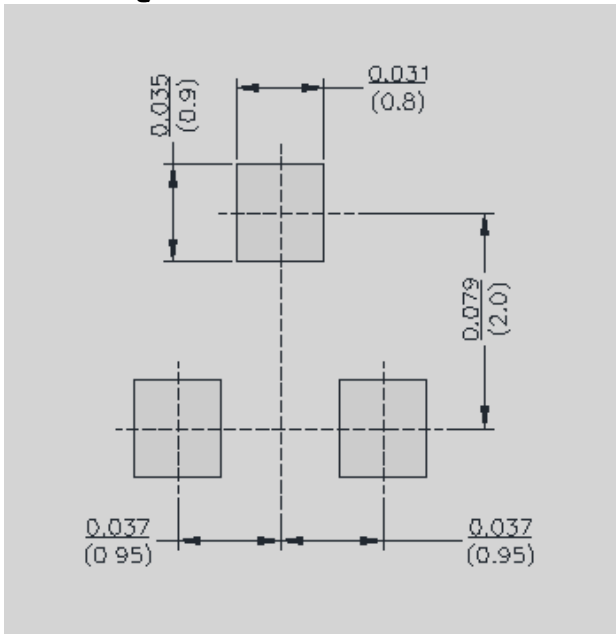


图 5





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