





# BCX56

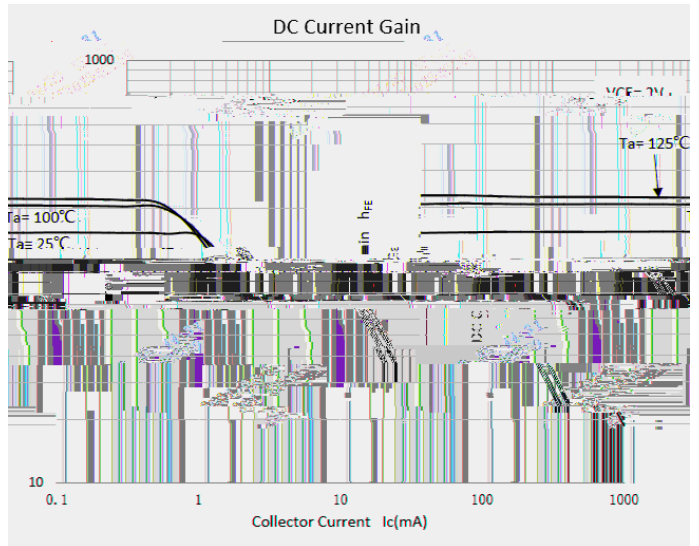
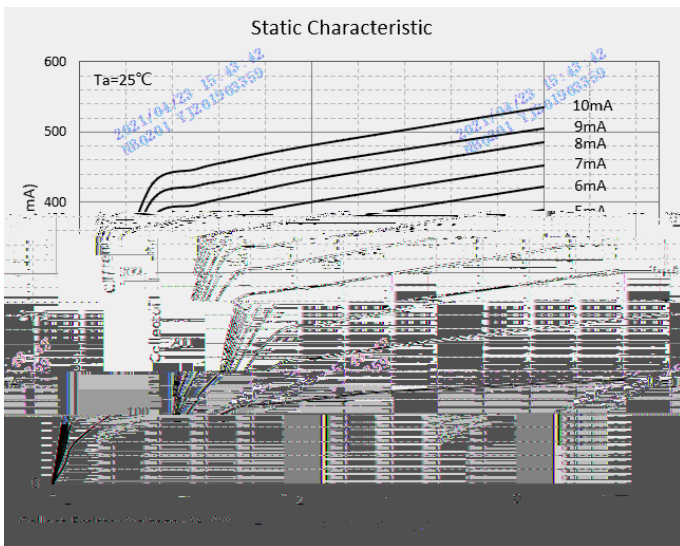
## Electrical Characteristics (Ta 1 & 5 unless other k ise noted)

Item	Symbol	Unit	Conditions	Min	TYP	Max
Collector-Emitter Voltage	$V_{CE0}$	V	$I_C 1 \text{ mA} \pm 5\%$	8		
Collector-Base Voltage	$V_{CB0}$	V	$I_C 1 \text{ mA} \pm 5\%$			
Emitter-Base Voltage	$V_{BE0}$	V	$I_E 1 \text{ mA} \pm 5\%$	5		
Collector-Base cut-off current	$I_{CBO}$	nA	$V_{CB} 1 \text{ V}$			
Emitter-Base cut-off current	$I_{EBO}$	nA	$V_{EB} 1.5 \text{ V}$			
DC Current Gain	$h_{FE} \%$		$V_{CE} 1 \text{ V} \& V_C 11 \text{ mA}$	6		8
	$h_{FE} \%$		$V_{CE} 1 \text{ V} \& V_C 11 \text{ mA}$	(		
	$h_{FE} \%$		$V_{CE} 1 \text{ V} \& V_C 11 \text{ mA}$	8		5
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	V	$I_C 15 \text{ mA} \& I_E 15 \text{ mA}$			0.5
Base-Emitter Voltage	$V_{BE}$	V	$V_{CE} 1 \text{ V} \& V_C 11 \text{ mA}$			
Transition Frequency	$f_T$	MHz	$I_C 1 \text{ mA} \& V_{CE} 1.5 \text{ V} \& f = 1 \text{ MHz}$			

## Ordering Information (Example)

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
BCX56	F &	Approximate 0.55	5000	800	8000	Roll-up

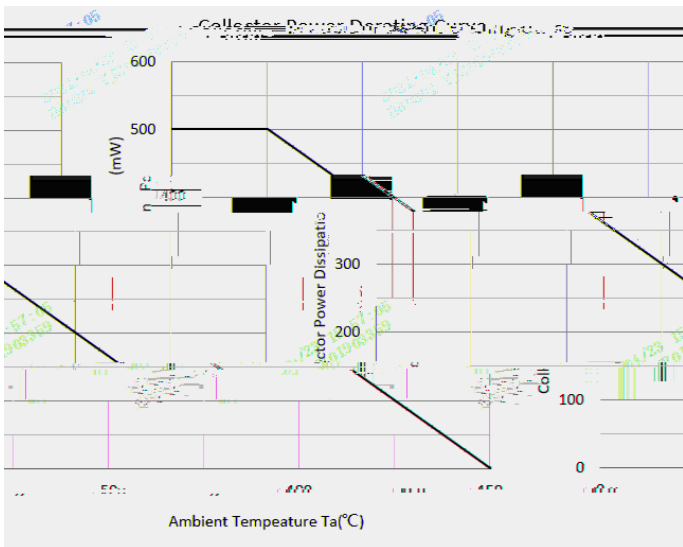
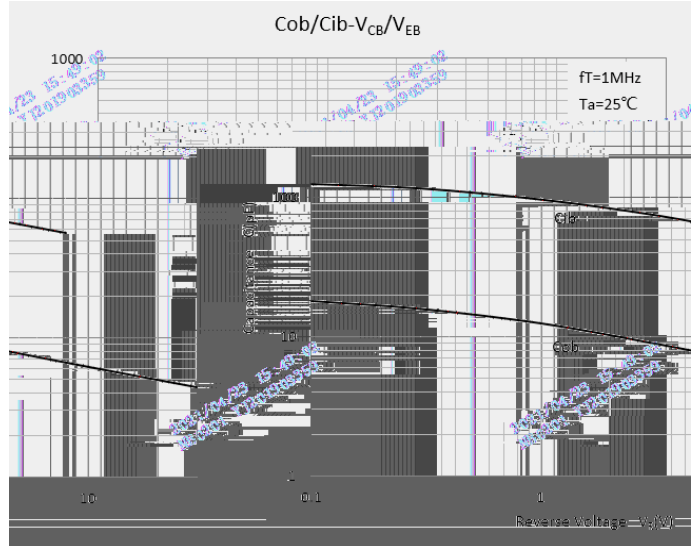
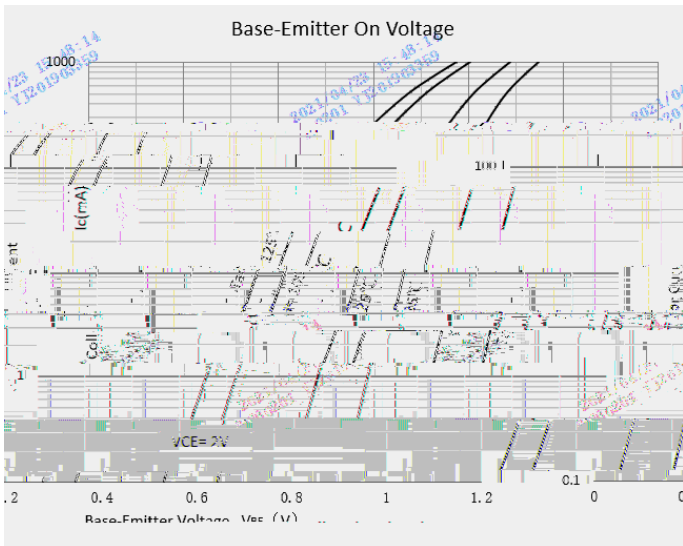
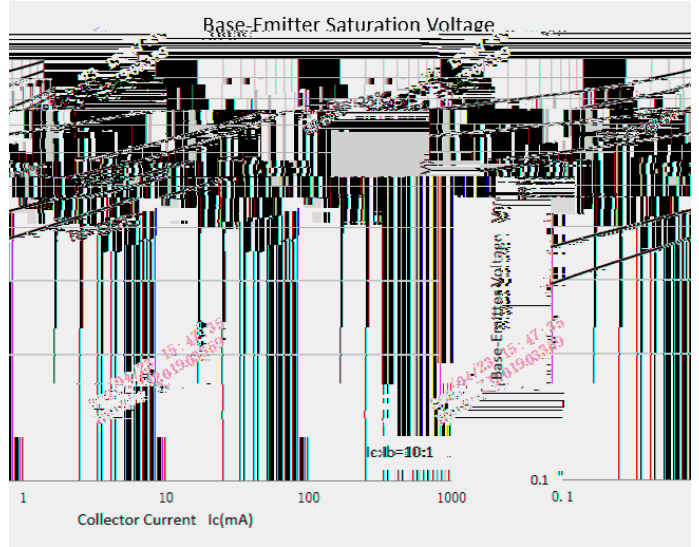
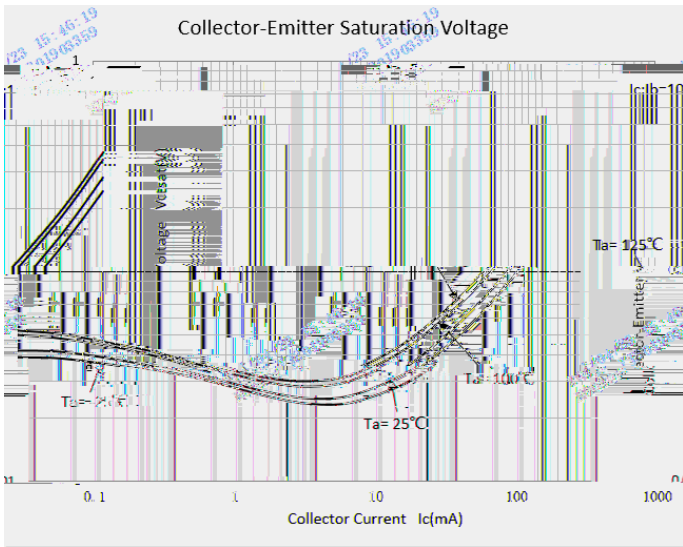
## Characteristics (Typical)



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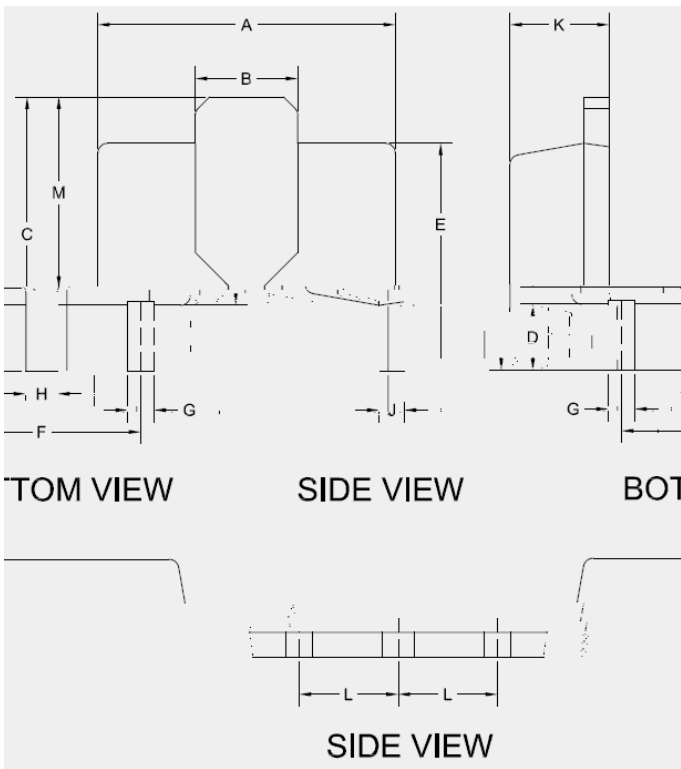
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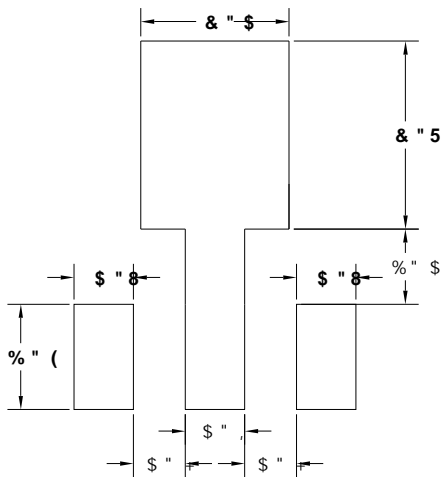
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SOT-89 Package Outline Dimensions



SOT-89 Suggested Pad Layout



UNIT:MM



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## Disclaimer

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