



SHENZHEN MENGKE ELECTRONICS TECHNOLOGY CO.,LTD

ELECTRICAL CHARACTERISTICS (Ta=25°C unless otherwise specified)

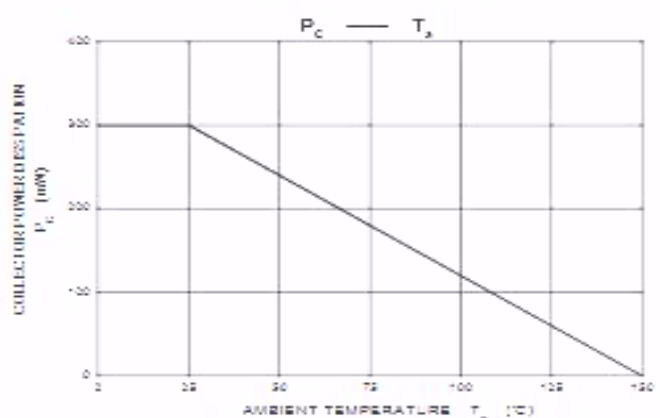
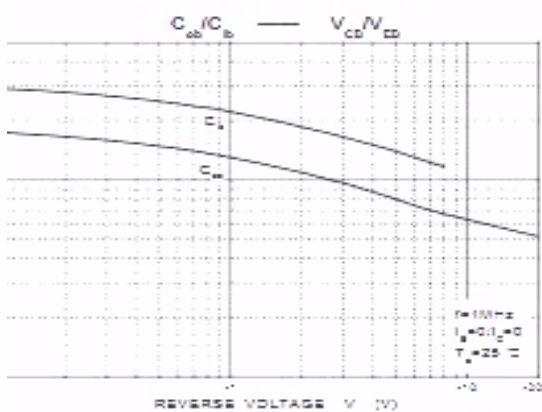
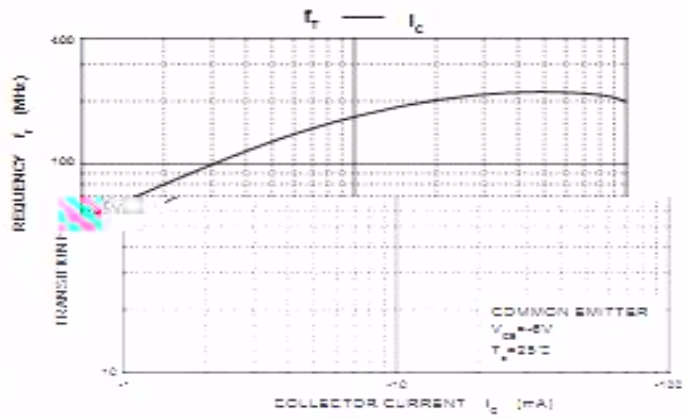
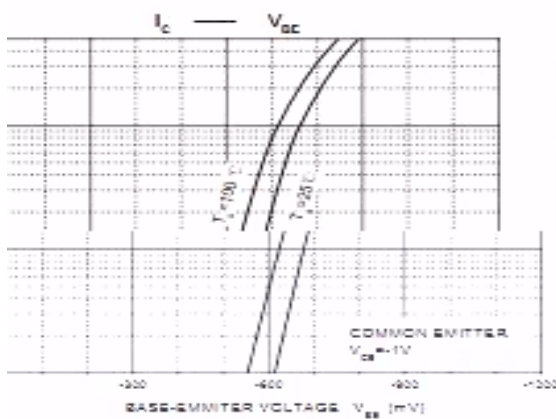
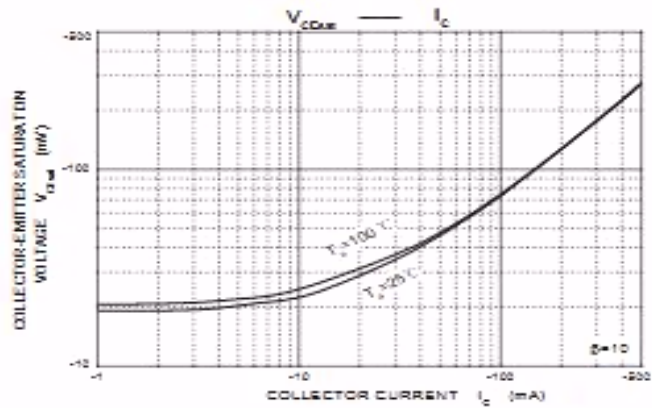
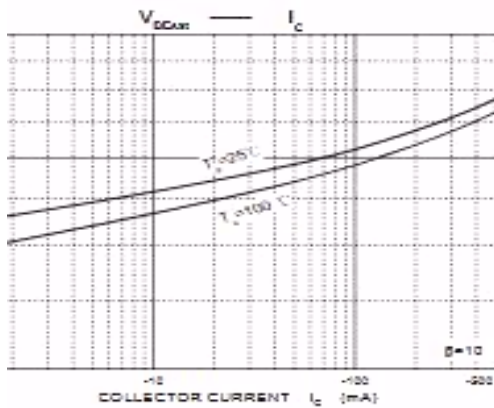
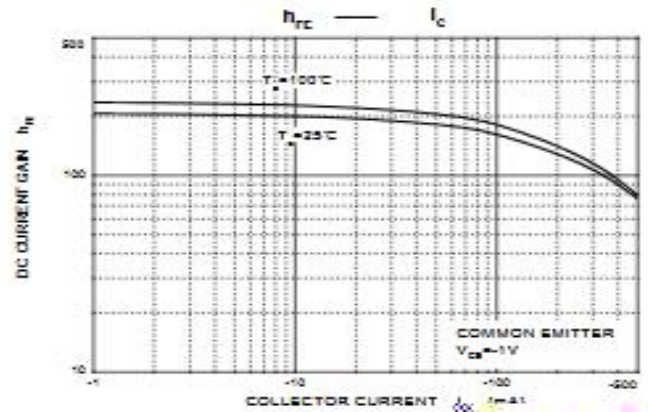
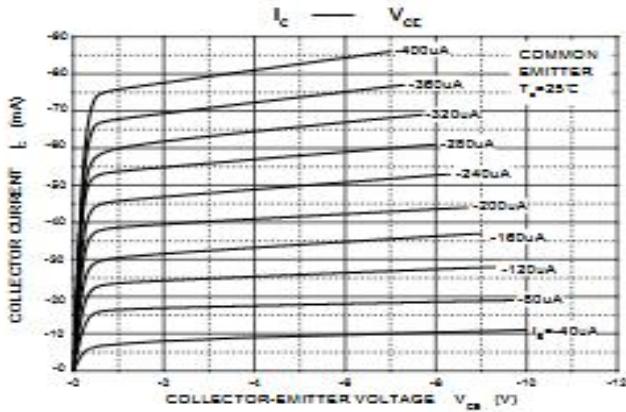
Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
C -ba b a a	V(BR)CBO	IC= -100 A, IE=0	-40			V
C - b a a	V(BR)CEO	IC= -1 A, IB=0	-25			V
E -ba b a a	V(BR)EBO	IE= -100 A, IC=0	-5			V
C -	ICBO	VCB= -40 V , IE=0			-0.1	A
C -	ICEO	VCB= -25V , IE=0			-0.1	A
E -	IEBO	VEB= -5V , IC=0			-0.1	A
DC a	FE	VCE=-1V, IC= -50 A	120		400	
	FE	VCE=-1V, IC= -500 A	50			
C - a a a	VCE(a)	IC= -500 A, IB= -50 A			-0.6	V
Ba - a a a	VBE(a)	IC= -500 A, IB= -50 A			-1.2	V
T a	T	VCE=-6V, IC= -20 A =30MH	150			MH

CLASSIFICATION OF hFE

Rank	L	H	J
Range	120-200	200-350	300-400
MARKING:		2TY	

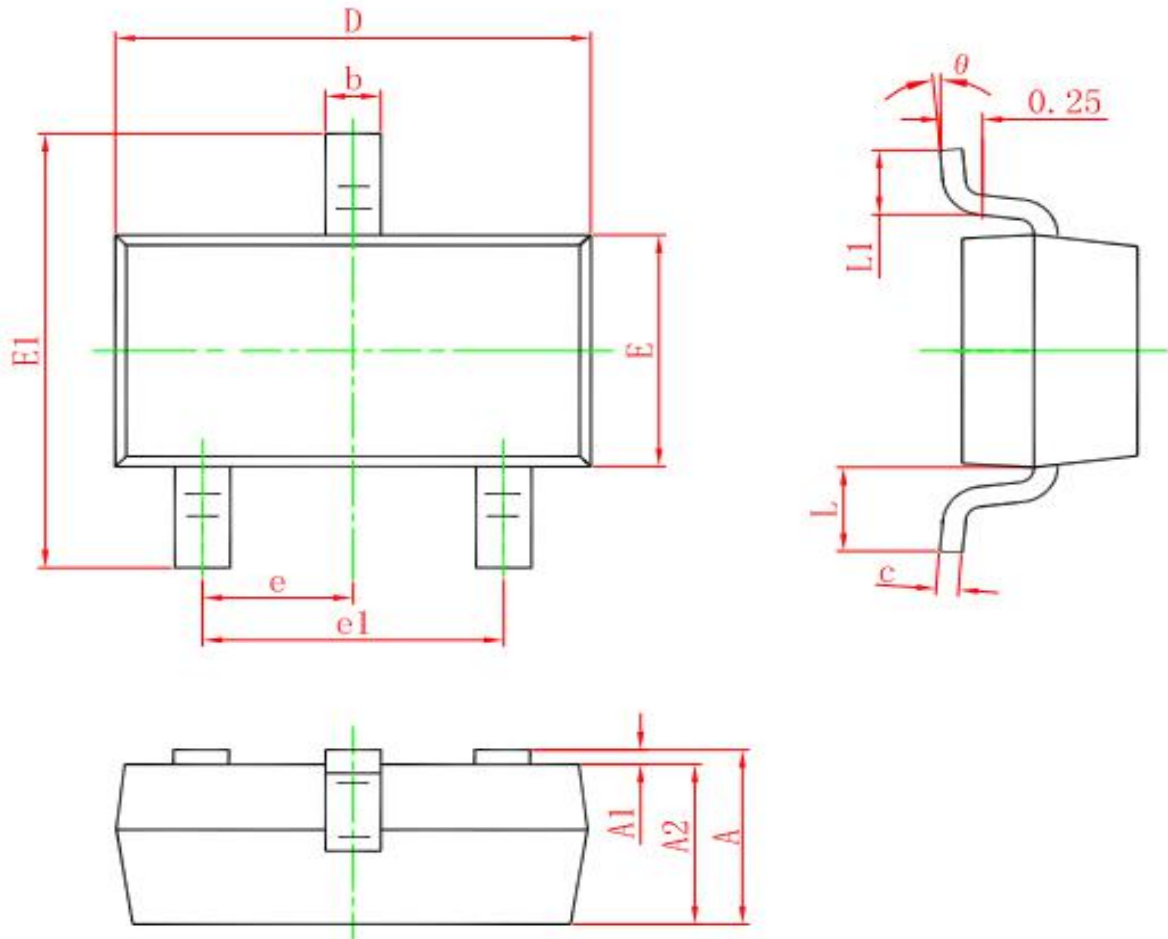


TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS





SOT-23 PACKAGE OUTLINE DIMENSIONS



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min.	Max.	Min.	Max.
A	0.900	1.150	0.035	0.045
A1	0.000	0.100	0.000	0.004
A2	0.900	1.050	0.035	0.041
b	0.300	0.500	0.012	0.020
c	0.080	0.150	0.003	0.006
D	2.800	3.000	0.110	0.118
E	1.200	1.400	0.047	0.055
E1	2.250	2.550	0.089	0.100
e	0.950 TYP.		0.037 TYP.	
e1	1.800	2.000	0.071	0.079
L	0.550 REF.		0.022 REF.	
L1	0.300	0.500	0.012	0.020
θ	0°	8°	0°	8°