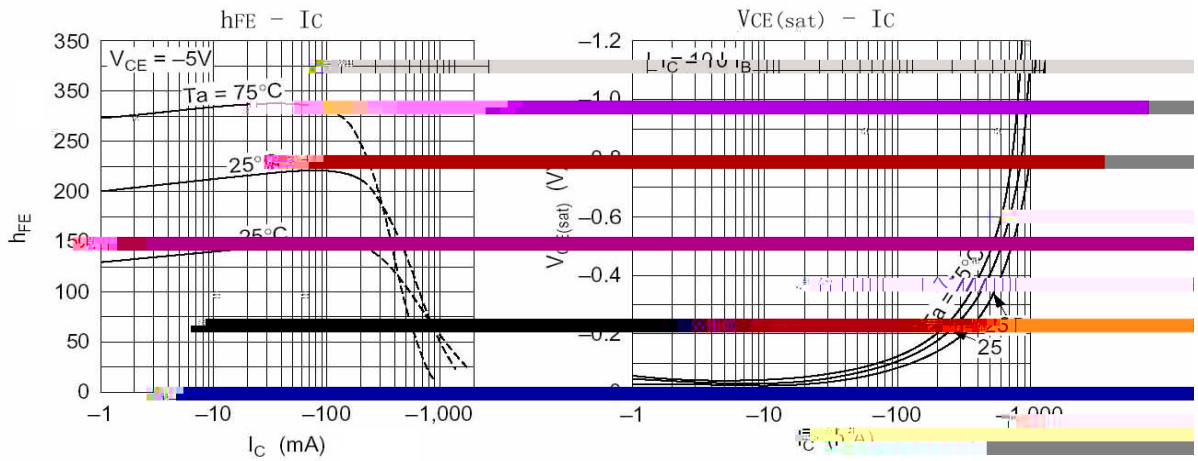
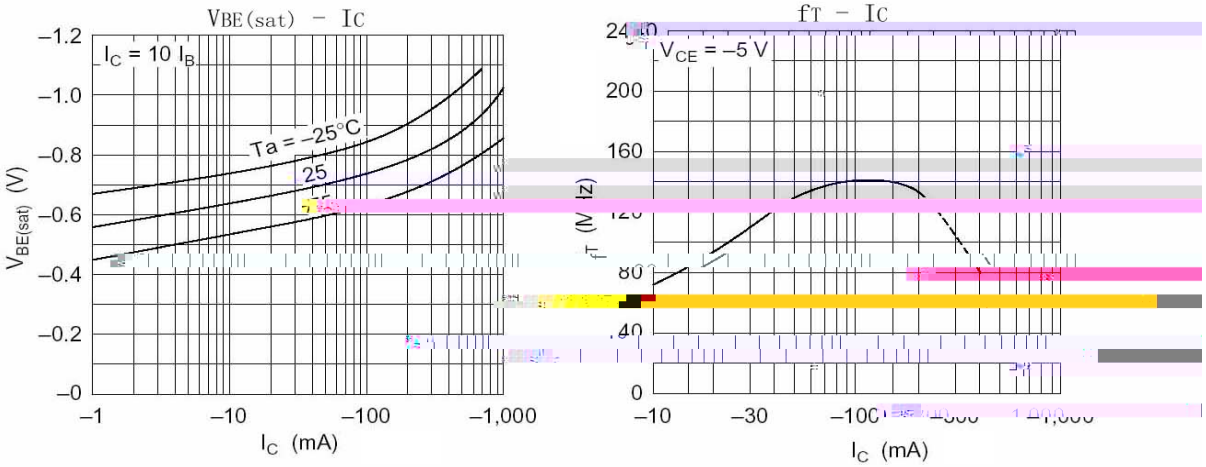
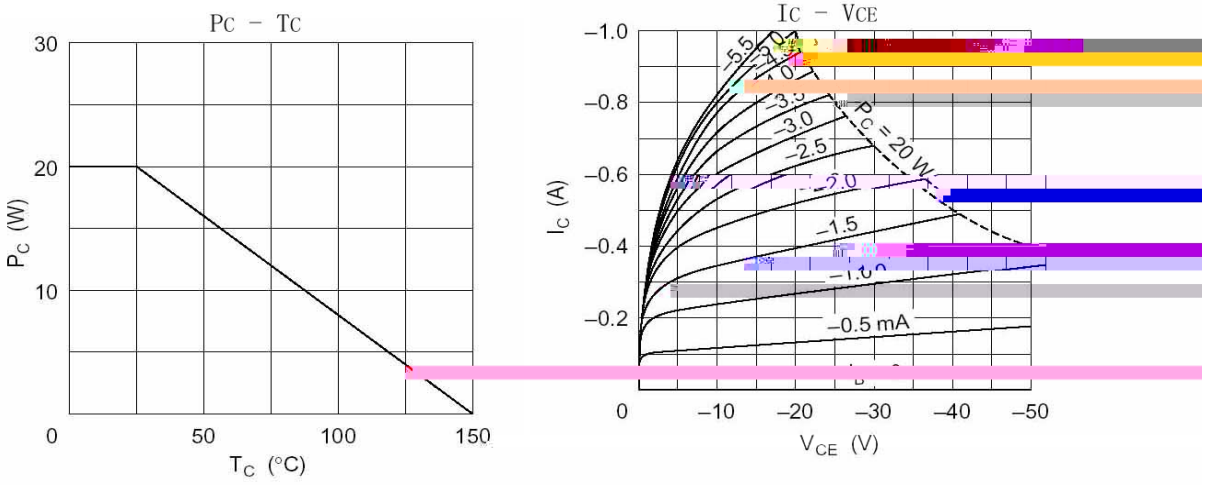
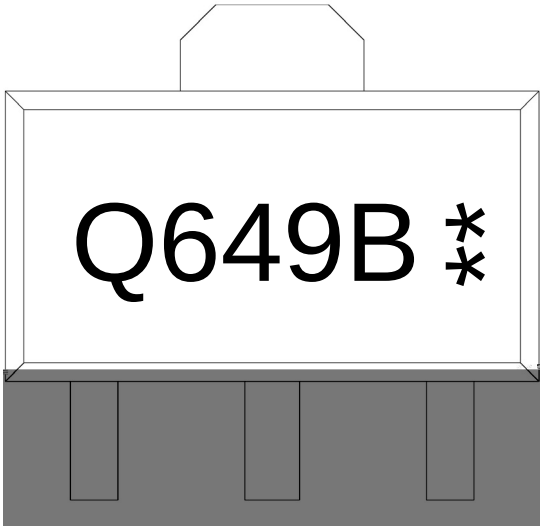
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}		


hFE – IC
VCE = –5V
Ta = 75°C
25°C
–25°C
hFE
IC (mA)
VCE(sat) – IC
IC = 10 IB
VCE(sat) (V)
IC (mA)


VBE(sat) – IC
IC = 10 IB
Ta = –25°C
25
75
VBE(sat) (V)
IC (mA)
fT – IC
VCE = –5 V
fT (MHz)
IC (mA)


PC – TC
PC (W)
TC (°C)
IC – VCE
–5.5
–4.0
–3.5
–3.0
–2.5
–2.0
–1.5
–1.0
–0.5 mA
PC = 20 W
IC (A)
VCE (V)



Q

649

B h_{FE}

**

Note:

Q: Automobile halogen-free product Code

649: Product Type Code

B h_{FE} Classifications Symbol

**: Lot No. Code, code change with Lot No.

Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

1	150	200	60	120sec;	1.Preheating:150~200 , Time:60~120sec.
2	255±5		5±0.5sec;		2.Peak Temp.:255±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

5 ïÿD27Âwx/