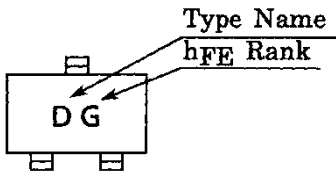


Electrical Characteristics (Ta = 25°C)

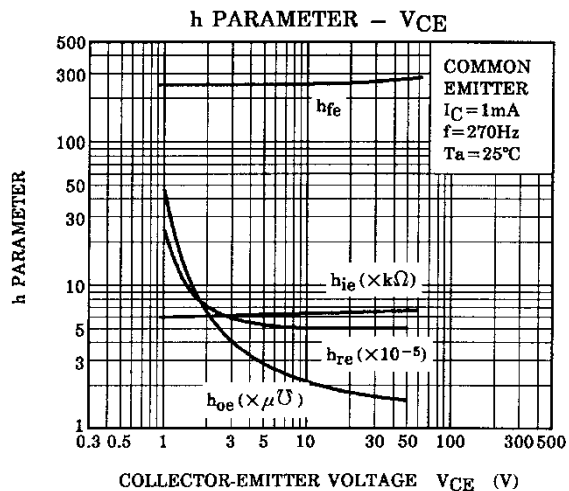
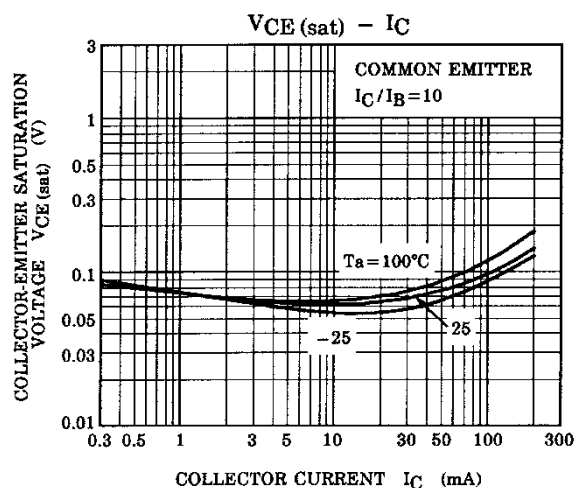
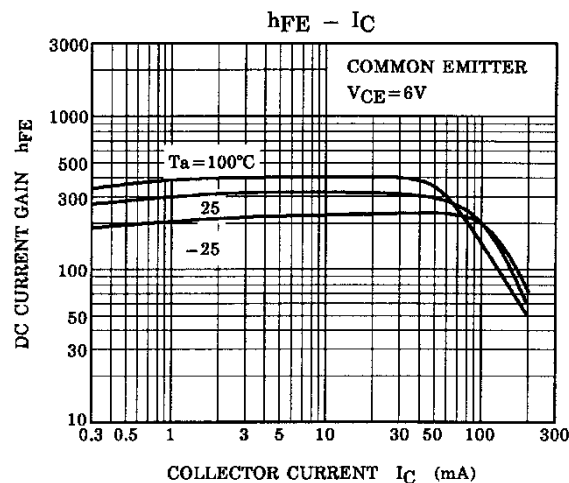
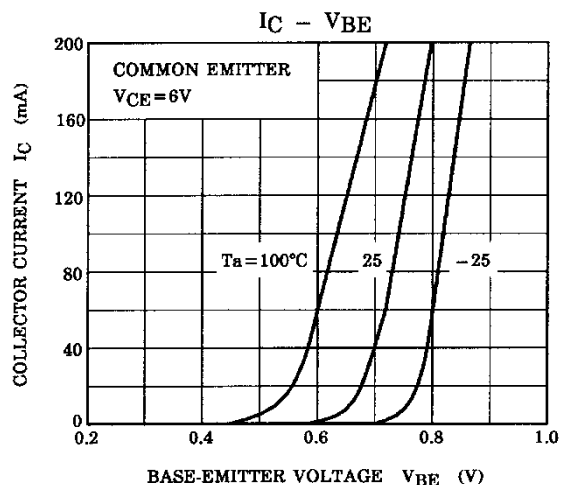
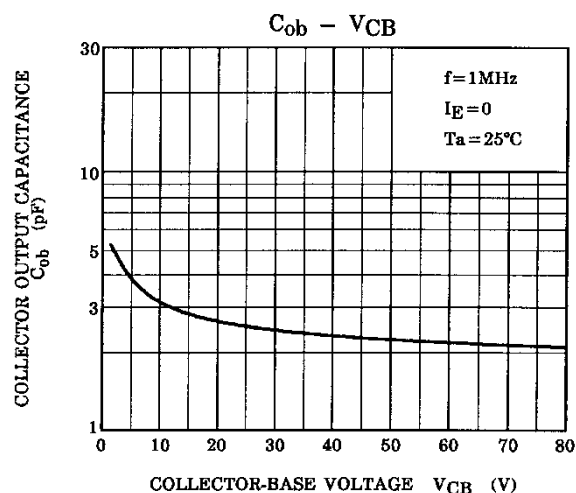
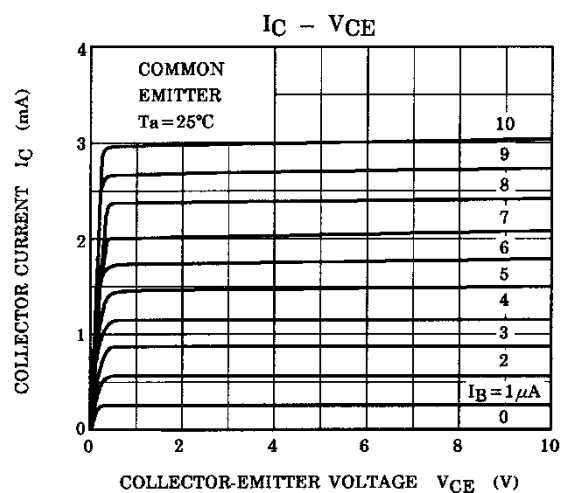
Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Collector cut-off current	ICBO	V _{CB} = 120 V, I _E = 0 A	—	—	0.1	μA
Emitter cut-off current	IEBO	V _{EB} = 5 V, I _C = 0 A	—	—	0.1	μA
DC current gain	h _{FE} (Note)	V _{CE} = 6 V, I _C = 2 mA	200	—	700	—
Collector-emitter saturation voltage	V _{CE} (sat)	I _C = 10 mA, I _B = 1 mA	—	—	0.3	V
Transition frequency	f _T	V _{CE} = 6 V, I _C = 1 mA	—	100	—	MHz
Collector output capacitance	C _{ob}	V _{CB} = 10 V, I _E = 0 A, f = 1 MHz	—	3.0	—	pF
Noise figure	NF	V _{CE} = 6 V, I _C = 0.1 mA f = 1 kHz, R _G = 10 kΩ	—	1.0	10	dB

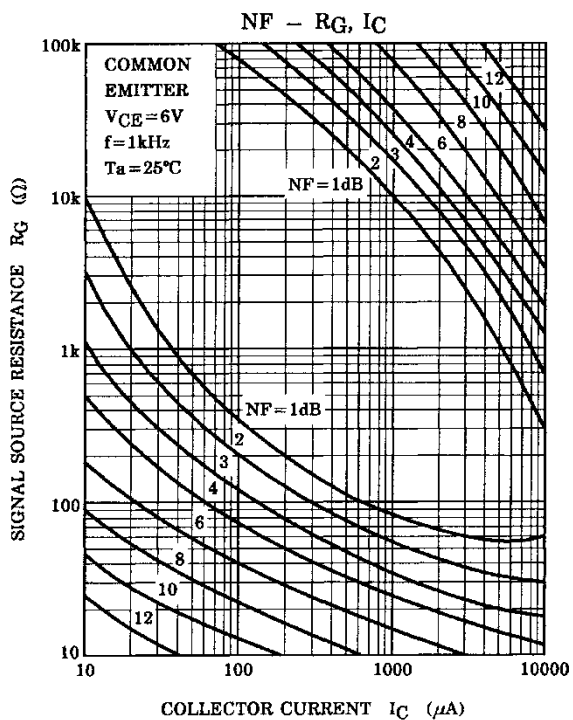
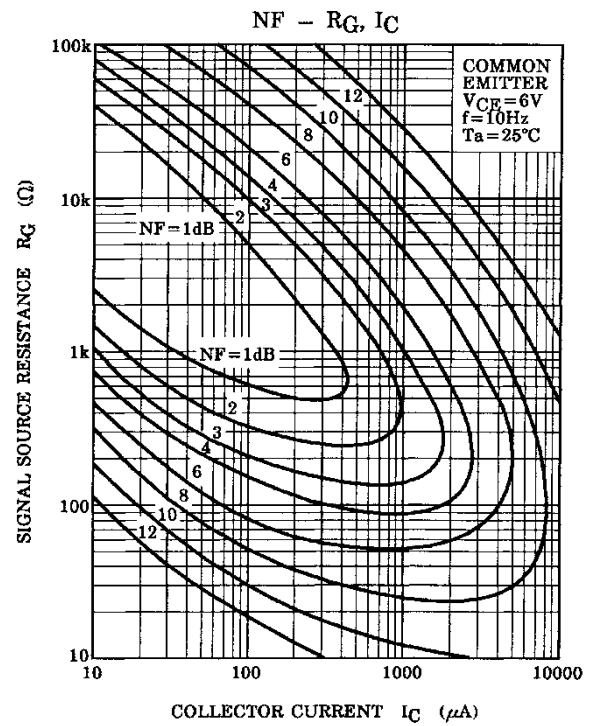
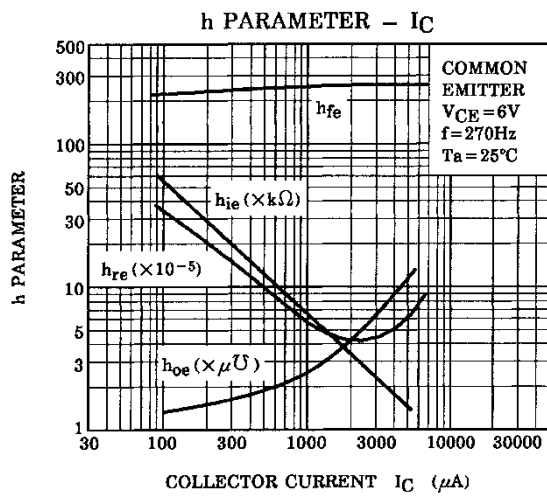
Note: hFE classification GR (G): 200~400, BL (L): 350~700, () marking symbol

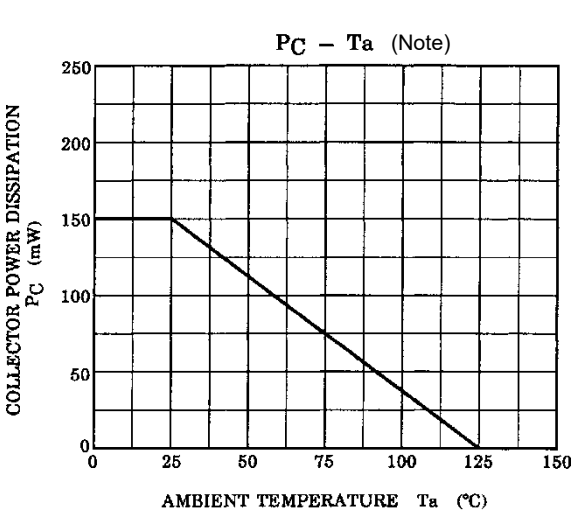
Marking



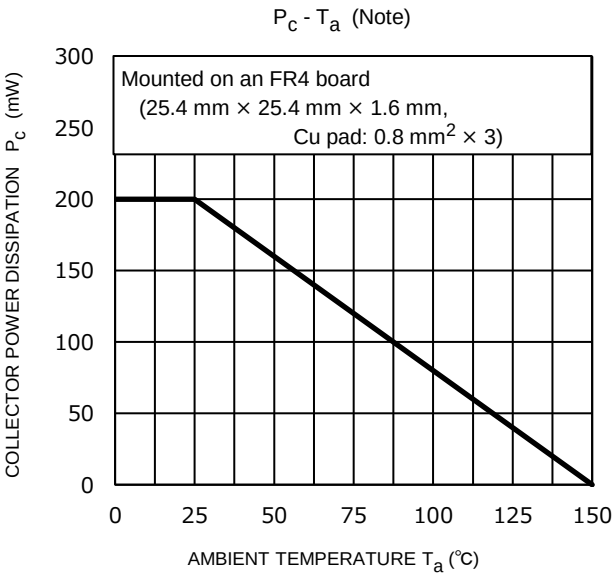
Characteristics Curves







Note: Reference only with T_j of 125 °C.



Note: Reference only with T_j of 150 °C.

The above characteristics curves are presented for reference only and not guaranteed by production test, unless otherwise noted.

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