

SANYO	No.2538A	2SB1266/2SD1902
		PNP/NPN Triple Diffused Planar Type Silicon Transistors AF POWER AMP APPLICATIONS

Features

- . Suitable for sets whose height is restricted
- . Wide ASO (adoption of MBIT process)
- . High reliability

(): 2SB1266

Absolute Maximum Ratings at Ta=25°C

			unit
Collector to Base Voltage	V _{CBO}	(-)60	V
Collector to Emitter Voltage	V _{CEO}	(-)60	V
Emitter to Base Voltage	V _{EBO}	(-)6	V
Collector Current	I _C	(-)3	A
Peak Collector Current	i _{cp}	(-)8	A
Collector Dissipation	P _C	1.65	W
		Tc=25°C	
		30	W
Junction Temperature	T _j	150	°C
Storage Temperature	T _{stg}	-55 to +150	°C

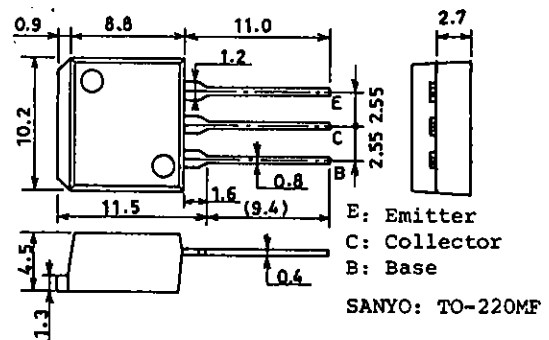
Electrical Characteristics at Ta=25°C

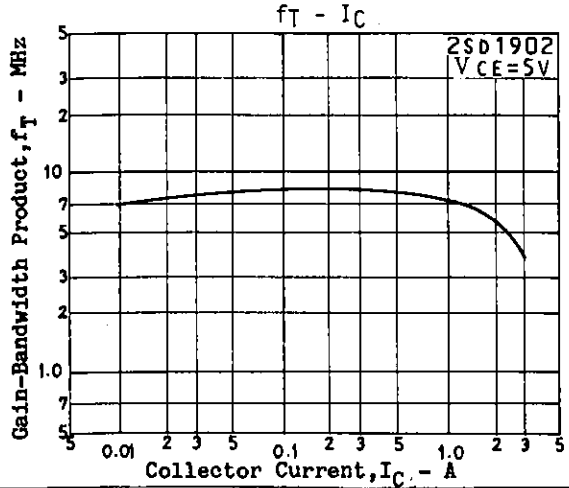
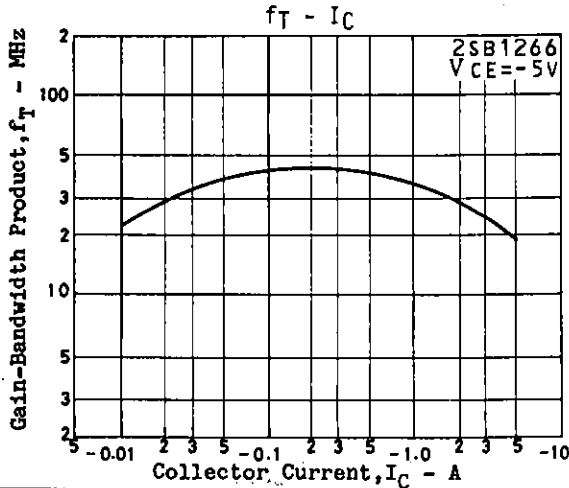
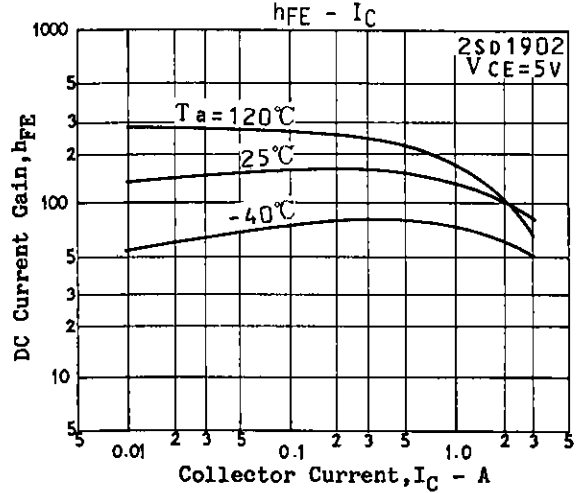
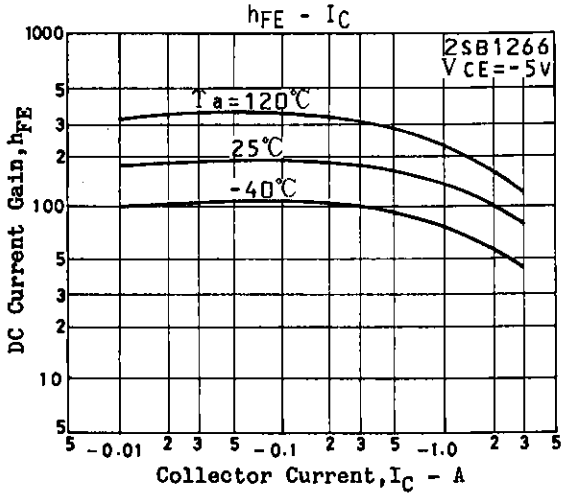
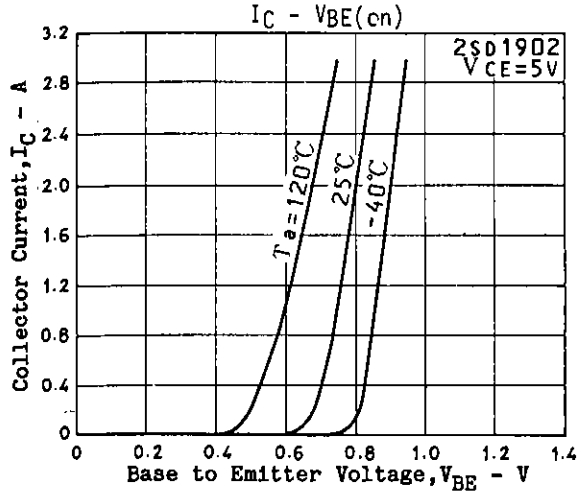
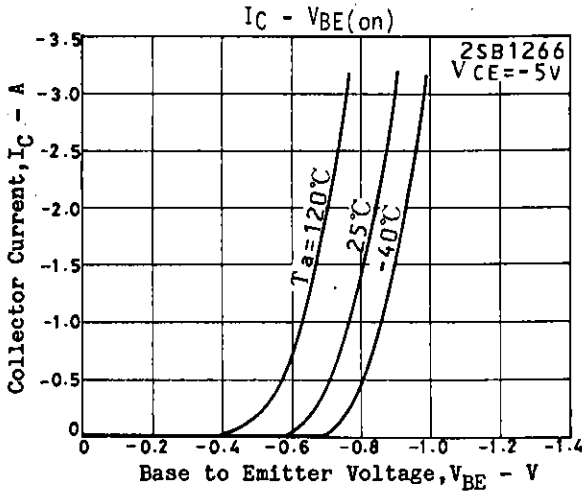
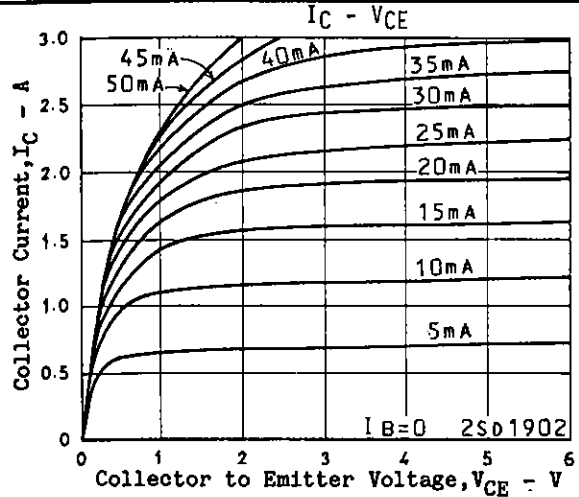
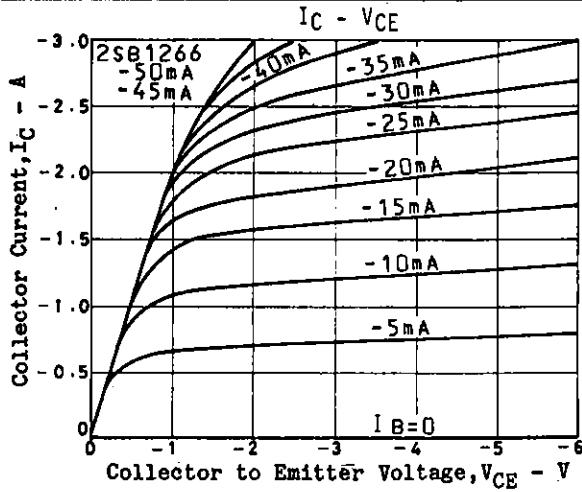
		min	typ	max	unit
Collector Cutoff Current	I _{CBO}			(-)100	µA
Emitter Cutoff Current	I _{EBO}			(-)100	µA
DC Current Gain	h _{FE} (1)	70*		280*	
	h _{FE} (2)	20			
Gain-Bandwidth Product	f _T		(8)40		MHz
Output Capacitance	c _{ob}		(60)110		pF
C-E Saturation Voltage	V _{CE(sat)}	(-)0.4	(-)1		V
Base to Emitter Voltage	V _{BE}	(-)0.7	(-)1		V
C-B Breakdown Voltage	V(BR)CBO	(-)60			V
C-E Breakdown Voltage	V(BR)CEO	(-)60			V
E-B Breakdown Voltage	V(BR)EBO	(-)6			V

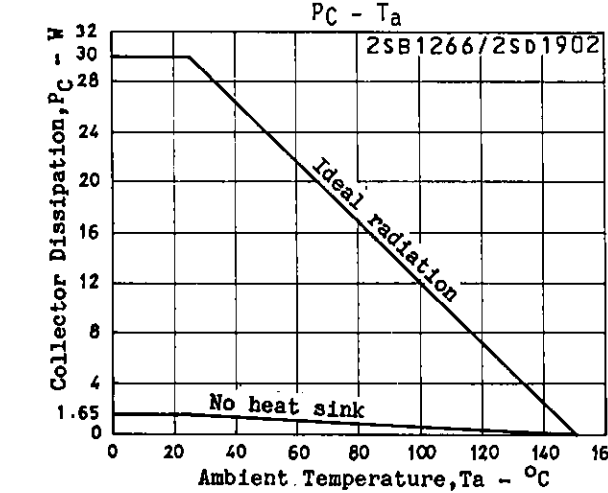
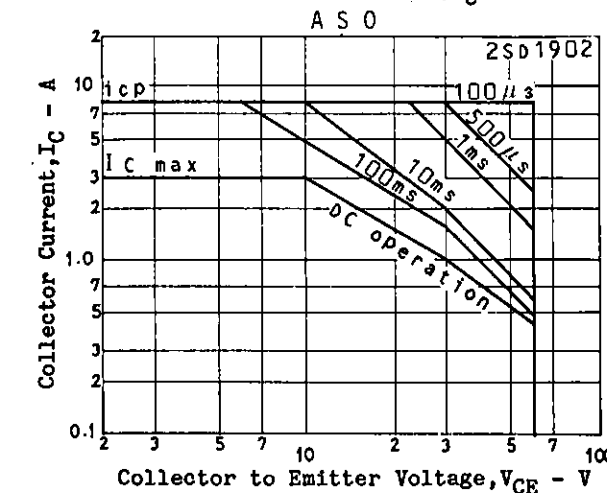
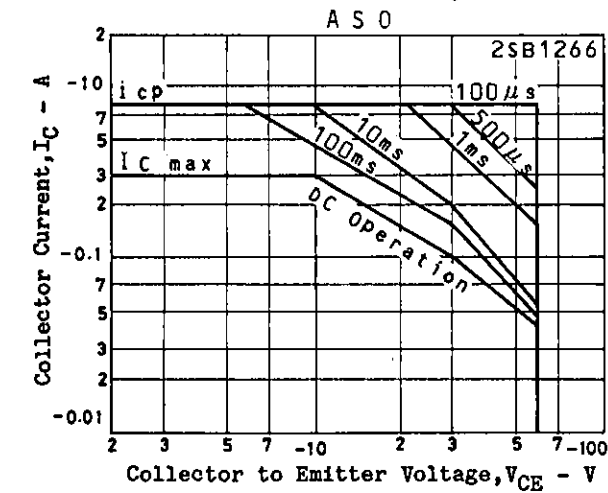
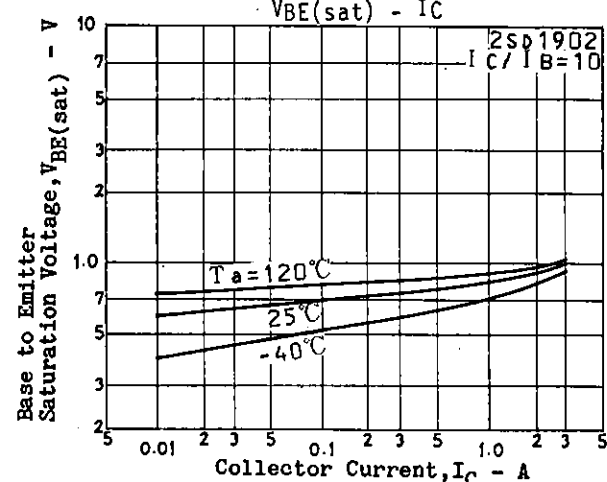
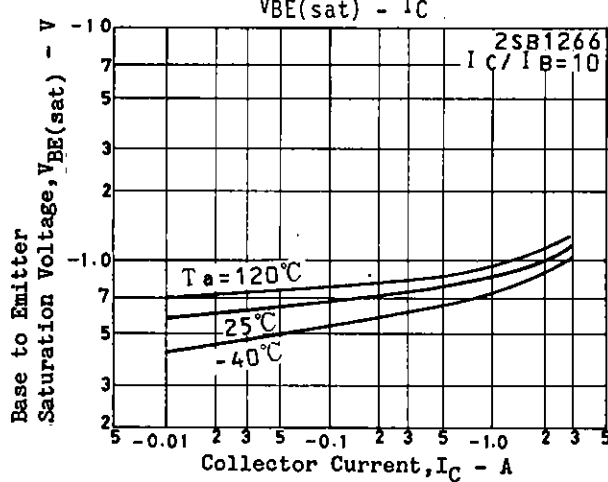
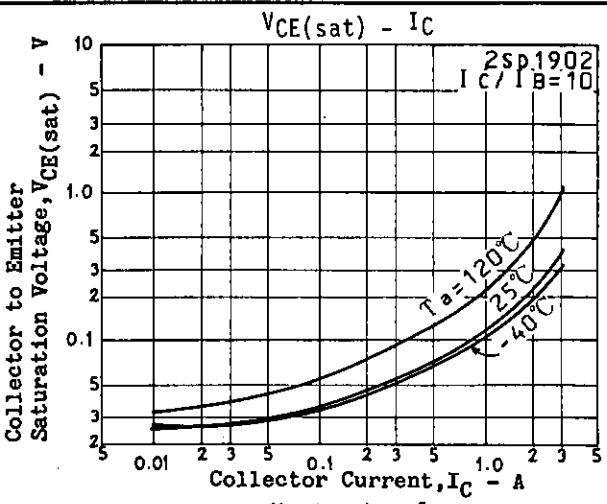
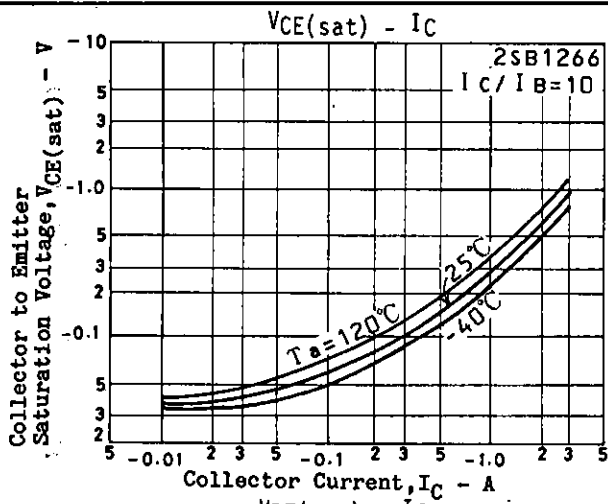
*: The 2SB1266/2SD1902 are classified by 0.5A h_{FE} as follows:

70	Q	140	100	R	200	140	S	280
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Package Dimensions 2049B
(unit: mm)







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