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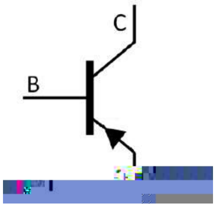
TO-126F PNP Silicon PNP transistor in a TO-126F Plastic Package.

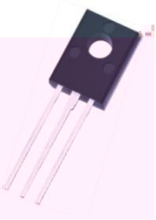
, , , 2SD1818

Low $V_{CE(sat)}$,large current, high P_C, complementary to 2SD1818.

DC-DC

It is suitable for DC-DC converter, or driver of solenoid or motor.





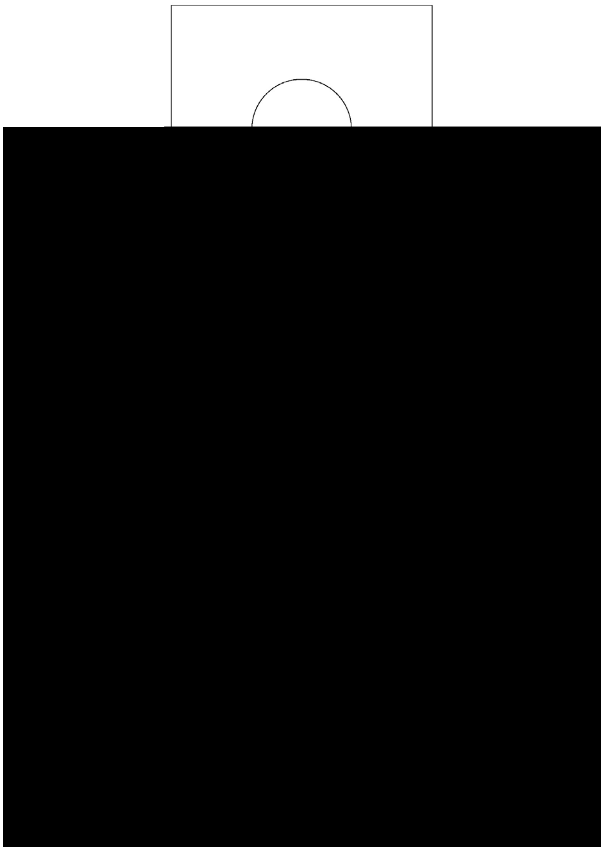
PIN1 Emitter PIN 2 Collector PIN 3 Base

h_{FE} Classifications Symbol	M	L	K
h_{FE} Range	100 200	160 320	200 400

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-60	V
Emitter to Base Voltage	V_{EBO}	-7.0	V
Collector Current - Continuous	I_C	-3.0	A
Peak Collector Current – Continuous	I_{CM}	-5.0	A
Base Current - Continuous	I_B	-0.5	A
Collector Power Dissipation	P_C	1.3	W
Collector Power Dissipation	P_C(Tc=25)	10	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-60V I_E=0			-10	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-7V I_C=0			-10	μA
	$h_{FE(1)}$	V_{CE}=-2V I_C=-600mA	100		400	

DC Current Gain



BR

B1217

M: h_{FE}

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Note:

BR:	Company Code
B1217:	Product Type.
M:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.

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