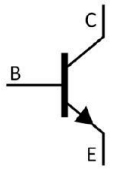
TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

, 2SA933A

Small base output capacitance, complementary pair with 2SA933A.

General purpose amplifier.



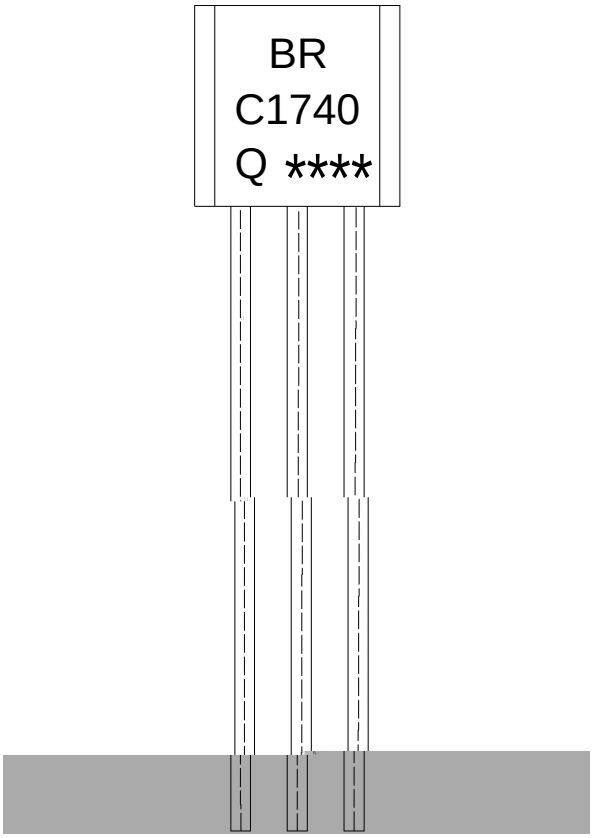
PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	Q	R	S
h_{FE} Range	120~270	180~390	270~560

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	50	V
Emitter to Base Voltage	V_{EBO}	7.0	V
Collector Current - Continuous	I_C	150	mA
Collector Power Dissipation	P_C	300	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	I_C=50μA I_E=0	60			V
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=1.0mA I_B=0	50			V
Emitter to Base Breakdown Voltage	V_{EBO}	I_E=50μA I_C=0	7.0			V
Collector Cut-Off Current	I_{CBO}	V_{CB}=60V I_E=0			0.1	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=7.0V I_C=0			0.1	μA

DC Current Gain hFE0.5 0 0 10.5 266.34 378.6803 Tm-0.000VCB



BR:

C1740

Q: h_{FE}

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Note:

BR:	Company Code.
C1740:	Product Type.
Q:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.