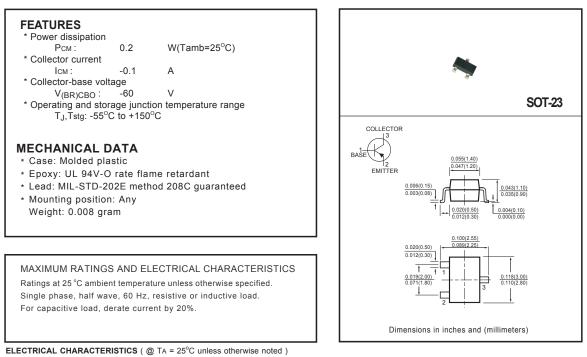


2SA812

SOT-23 BIPOLAR TRANSISTORS TRANSISTOR(PNP)



CHARACTERISTICS	SYMBOL	MIN	TYP	MAX	UNITS
Collector - Base Breakdown Voltage(Ic= -100 $\mu\text{A},$ IE=0)	V(BR)CBO	-60	-	-	V
Collector - Emitter Breakdown Voltage(Ic= -1mA, IB=0)	V(BR)CEO	-50	-	-	V
Emitter - Base Breakdown Voltage(IE= -100 µA, Ic=0)	V(BR)EBO	-5	-	-	V
Collector Cut - Off Current (VcB= -60V, IE=0)	Ісво	-	-	-0.1	μA
Emitter Cut - Off Current(VEB= -5V, Ic=0)	Іево	-	-	-0.1	μA
DC Current Gain(Vce= -6V, Ic= -1mA)	hfe	90	-	600	-
Collector - Emitter Saturation Voltage(Ic=-100 mA, IB= -10mA)	VCE(sat)	-	-	-0.3	V
Base - Emitter Voltage(Ic=-1mA, VcE= -6mA)	VBE	-	-	-0.68	V
Tiansition Frequency(VcE= -6V, Ic= -10mA)	f⊤	180	-	-	MHz

Marking	M4	M5	M6	M7
Range	90-180	135-270	200-400	300-600

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