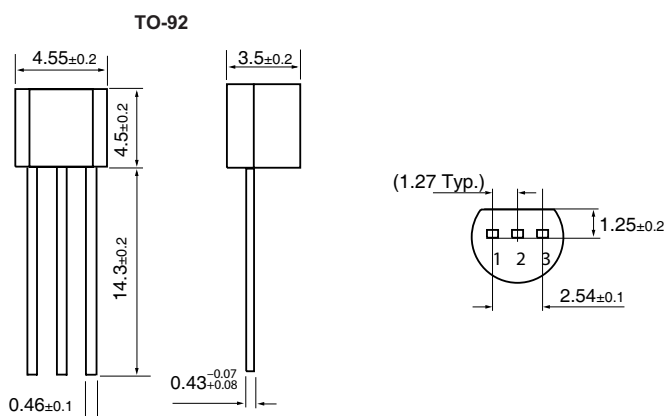


FEATURES

- * Low Frequency Amplifier
- * Complementary Pair with 2SC1213 and 2SC1213A
- * RoHS Compliant Product
- * A suffix of "-C" specifies halogen-free



MAXIMUM RATINGS (T_A=25°C unless otherwise noted)

Symbol	Parameter	Value	Units
V _{CB0}	Collector-Base Voltage	2SA673	-35
		2SA673A	-50
V _{CEO}	Collector-Emitter Voltage	2SA673	-35
		2SA673A	-50
V _{EBO}	Emitter-Base Voltage	-4	V
I _C	Collector Current -Continuous	-500	mA
P _C	Collector Power dissipation	400	mW
T _J	Junction Temperature	150	°C
T _{stg}	Storage Temperature	-55-150	°C

ELECTRICAL CHARACTERISTICS (T_{amb}=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	TYP	MAX	UNIT
Collector-base breakdown voltage	V _{(BR)CBO}	I _C =-10μA, I _E =0	2SA673	-35		V
			2SA673A	-50		
Collector-emitter breakdown voltage	V _{(BR)CEO}	I _C =-1mA, I _B =0	2SA673	-35		V
			2SA673A	-50		
Emitter-base breakdown voltage	V _{(BR)EBO}	I _E =-10μA, I _C =0	-4			V
Collector cut-off current	I _{CBO}	V _{CB} = -20 V, I _E =0			-0.5	μA
DC current gain	*h _{FE(1)}	V _{CE} =-3V, I _C = -10mA	60		320	
	h _{FE(2)}	V _{CE} =-3V, I _C =-500mA	10			
Collector-emitter saturation voltage	*V _{CEsat}	I _C = -150mA, I _B =-15mA			-0.6	V
Base-emitter voltage	V _{BE}	V _{CE} =-3V, I _C =-10mA		-0.64		V

* Pulse test.

CLASSIFICATION OF h_{FE(1)}

Rank	B	C	D
Range	60-120	100-200	160-320

CHARACTERISTICS CURVE

