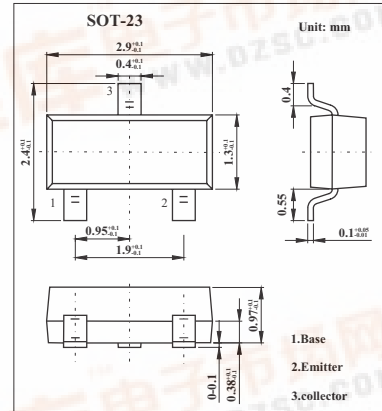


SMD Type Transistors

Chroma amplifier transistor
2SC4061K

Features

- High breakdown voltage.
- Low collector output capacitance.
- Ideal for chroma circuit.



Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Collector-base voltage	V _{CB0}	300	V
Collector-emitter voltage	V _{CEO}	300	V
Emitter-base voltage	V _{EBO}	5	V
Collector current	I _c	100	mA
Collector power dissipation	P _c	0.2	W
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	BV _{CB0}	I _c =50μA	300			V
Collector-emitter breakdown voltage	BV _{CEO}	I _c =100μA	300			V
Emitter-base breakdown voltage	BV _{EBO}	I _E =50μA	5			V
Collector cutoff current	I _{cBO}	V _{CB} =200V			0.5	μA
Emitter cutoff current	I _{EBO}	V _{EB} =4V			0.5	μA
Collector-emitter saturation voltage	V _{CE(sat)}	I _c =50mA, I _B =5mA			2	V
DC current transfer ratio	h _{FE}	V _{CE} =10V, I _c =10mA	56		180	
Output capacitance	f _T	V _{CE} =30V, I _E =-10mA, f=30MHz	50	100		MHz
Transition frequency	C _{ob}	V _{CB} =30V, I _E =0A, f=1MHz		3		pF

hFE Classification

Marking	ANN	ANP
Rank	N	P
hFE	56 ~ 120	82 ~ 180

