

KSC2328T (3DG2328T)

硅 NPN 半导体三极管/SILICON NPN TRANSISTOR

用途:用于音频放大。

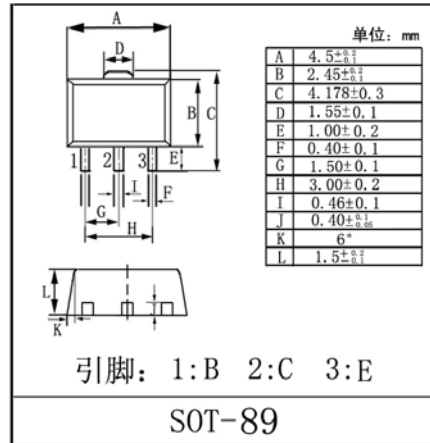
Purpose: Audio frequency amplifier applications.

特点:与 KSA928T(3CG928T) 互补。

Features: Complementary pair with KSA928T(3CG928T).

极限参数/Absolute maximum ratings(Ta=25°C)

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	30	V
V _{CE0}	30	V
V _{EBO}	5	V
I _C	2	A
P _C	0.9	W
T _j	150	°C
T _{stg}	-55~150	°C



电性能参数/Electrical characteristics(Ta=25°C)

参数符号 Symbol	测试条件 Test condition	数值 Rating			单位 Unit
		最小值 Min	典型值 Typ	最大值 Max	
V _{CB0}	I _C =100 μ A I _E =0	30			V
V _{CE0}	I _C =10mA I _B =0	30			V
V _{EBO}	I _E =1mA I _C =0	5			V
I _{CB0}	V _{CB} =30V I _E =0			0.1	μ A
I _{EBO}	V _{EB} =5V I _C =0			0.1	μ A
h _{FE}	V _{CE} =2V I _C =500mA	100		320	
V _{CE(sat)}	I _C =1.5A I _B =30mA			2	V
V _{BE}	V _{CE} =2V I _C =500mA			1	V
f _T	V _{CE} =2V I _C =500mA		120		MHz
C _{ob}	V _{CB} =10V I _E =0 f=1MHz		30		pF

h_{FE} 分档、印章/h_{FE} Classifications、Marking:

h _{FE} 分档/h _{FE} Classifications	0	Y
h _{FE} 范围/h _{FE} Range	100-200	160-320
印章/Marking	H10	H1Y

