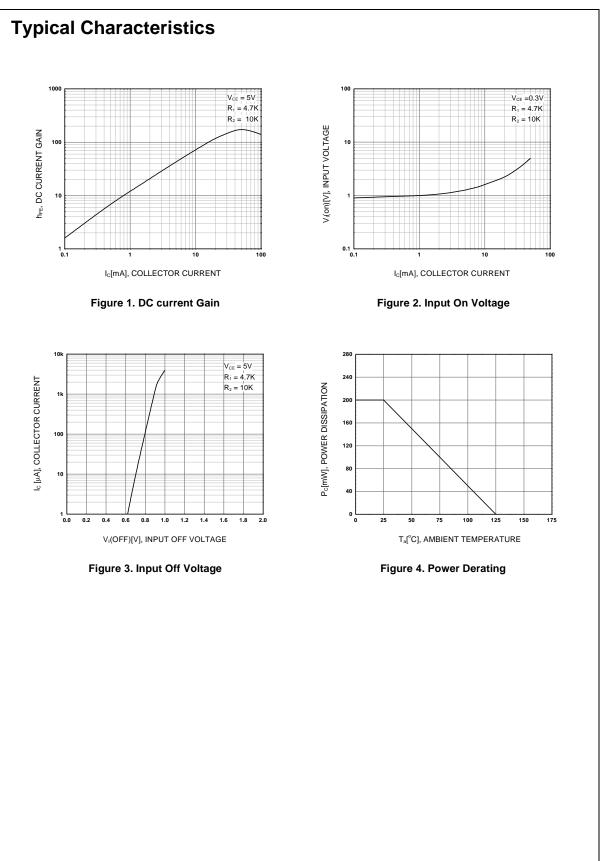


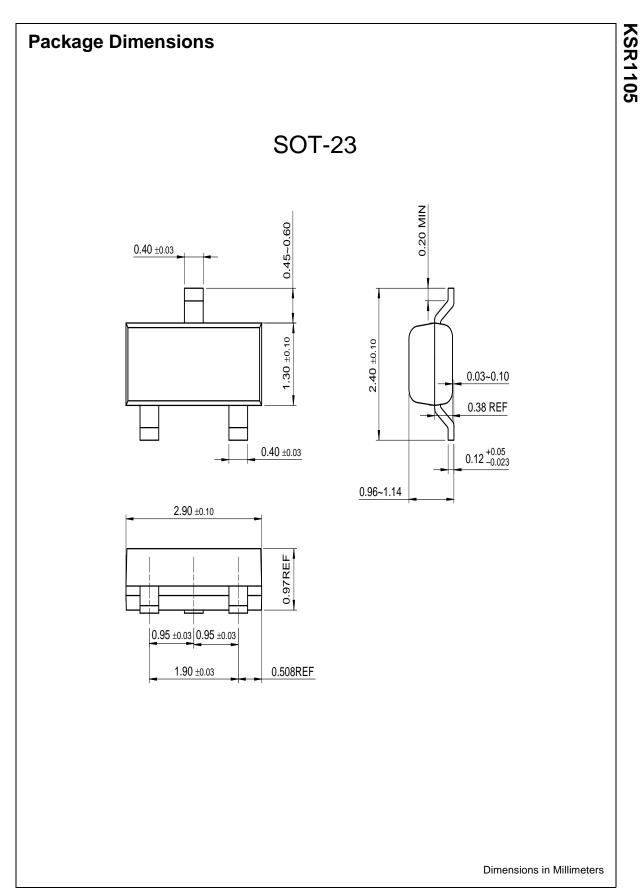
Parameter	Value	Units	
Collector-Base Voltage	50	V CO	
Collector-Emitter Voltage	50	V	
Emitter-Base Voltage	10	V	
Collector Current	100	mA	
Collector Power Dissipation	200	mW	
Junction Temperature	150	°C	
Storage Temperature	-55 ~ 150	°C	
	Collector-Base Voltage Collector-Emitter Voltage Emitter-Base Voltage Collector Current Collector Power Dissipation Junction Temperature	Collector-Base Voltage50Collector-Emitter Voltage50Emitter-Base Voltage10Collector Current100Collector Power Dissipation200Junction Temperature150	

Electrical Characteristics Ta=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
BV _{CBO}	Collector-Base Breakdown Voltage	I _C =10μA, I _E =0	50		1.20	V
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C =100μA, I _B =0	50	da-		V
I _{CBO}	Collector Cut-off Current	V _{CB} =40V, I _E =0			0.1	μΑ
h _{FE}	DC Current Gain	V _{CE} =5V, I _C =5mA	30	A 44		
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C =10mA, I _B =0.5mA			0.3	V
C _{ob}	Output Capacitance	V _{CB} =10V, I _E =0 f=1.0MHz		3.7		pF
f _T	Current Gain-Bandwidth Product	V _{CE} =10V, I _C =5mA		250		MHz
V _I (off)	Input Off Voltage	V _{CE} =5V, I _C =100μA	0.3			V
V _I (on)	Input On Voltage	V _{CE} =0.3V, I _C =20mA			2.5	V
R ₁	Input Resistor		3.2	4.7	6.2	KΩ
R_1/R_2	Resistor Ratio		0.42	0.47	0.52	



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PRODUCT STATUS DEFINITIONS

Definition of Terms

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