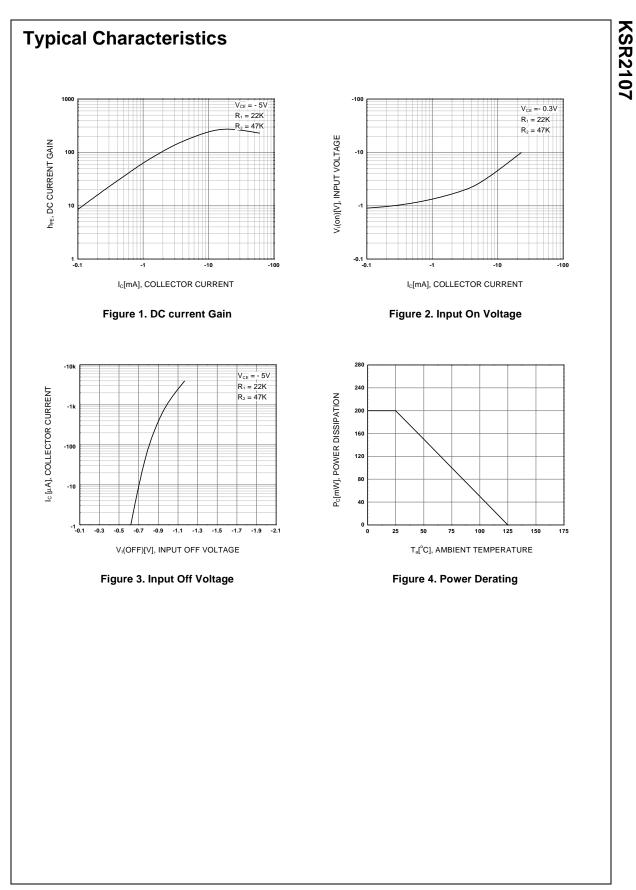
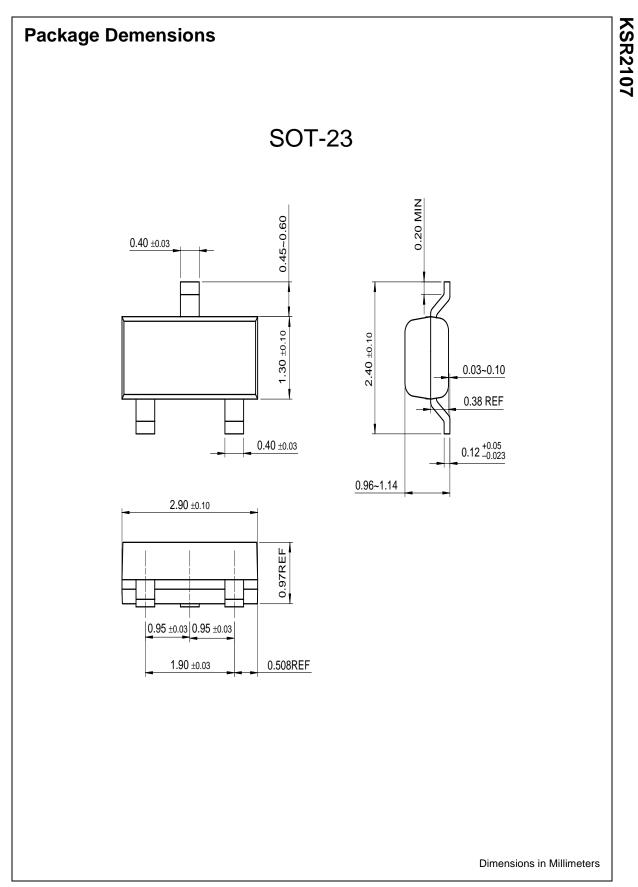


Electrical Characteristics T_a=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
BV _{CBO}	Collector-Base Breakdown Voltage	I _C = -10μΑ, I _E =0	-50			V
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = -100μA, I _B =0	-50			V
I _{CBO}	Collector Cutoff Current	V _{CB} = -40V, I _E =0			-0.1	μΑ
h _{FE}	DC Current Gain	V_{CE} = -5V, I_{C} = -5mA	68			
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		5.5		pF
f _T	Current Gain Bandwidth Product	V _{CE} = -10V, I _C = -5mA		200		MHz
V _I (off)	Input Off Voltage	V _{CE} = -5V, I _C = -100μA	-0.4			V
V _I (on)	Input On Voltage	V _{CE} = -0.3V, I _C = -2mA			-2.5	V
R ₁	Input Resistor		15	22	29	KΩ
R_1/R_2	Resistor Ratio		0.42	0.47	0.52	



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PRODUCT STATUS DEFINITIONS

Definition of Terms

Datasheet Identification	Product Status	Definition
Advance Information	Formative or In Design	This datasheet contains the design specifications for product development. Specifications may change in any manner without notice.
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<u>Memory</u> <u>Optoelectronics</u> <u>Markets and</u> <u>applications</u> <u>New products</u>	 Switching Application (Bias Resister Built In) Switchng circuit, Inverter, Interface 	<u>e-mail this datasheet</u> [E- This page <u>Print version</u>	Support Dotted line Distributor and field sales representatives Dotted line Quality and reliability Dotted line
Product selection and parametric search Cross-reference search	 circuit, Driver Circuit Built in bias Resistor (R₁=22KΩ, R₂=47KΩ) Complement to KSR1107 		Design tools
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Product status/pricing/packaging

Product	Product status	Pricing*	Package type	Leads	Packing method
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