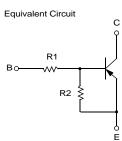


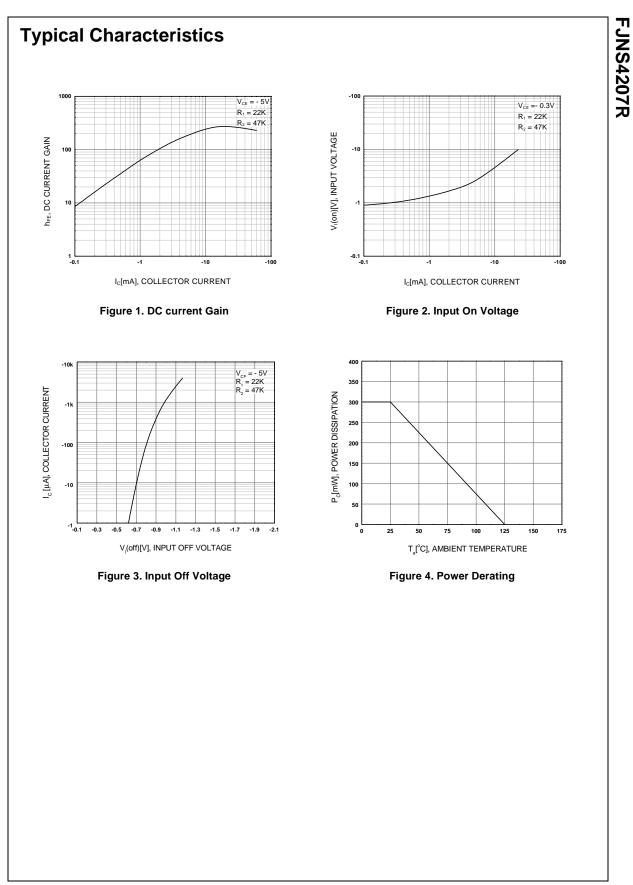
Absolute Maximum Ratings T_a=25°C unless otherwise noted

–					
Parameter	Value	Units	-		
Collector-Base Voltage	-50	V	-		
Collector-Emitter Voltage	-50	V	-		
Emitter-Base Voltage	-10	V	-		
Collector Current	-100	mA	-		
Collector Power Dissipation	300	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 Voltage-50Collector-Emitter Voltage-50Emitter-Base Voltage-10Collector Current-100Collector Power Dissipation300Junction Temperature150	Collector-Base Voltage-50VCollector-Emitter Voltage-50VEmitter-Base Voltage-10VCollector Current-100mACollector Power Dissipation300mWJunction Temperature150°C		



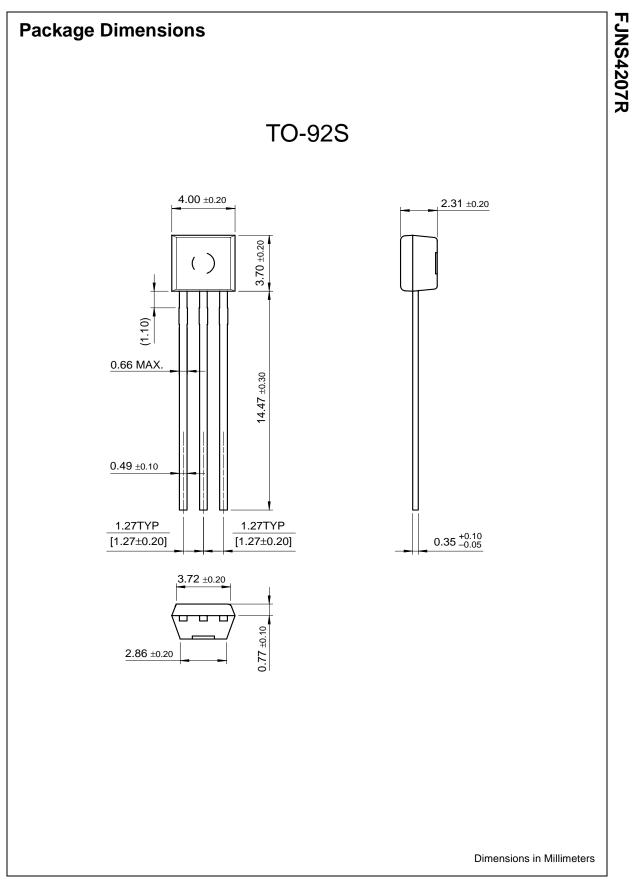
Electrical Characteristics Ta=25°C unless otherwise noted

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 = -100μΑ, I _B =0	-50			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	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=1MHz		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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