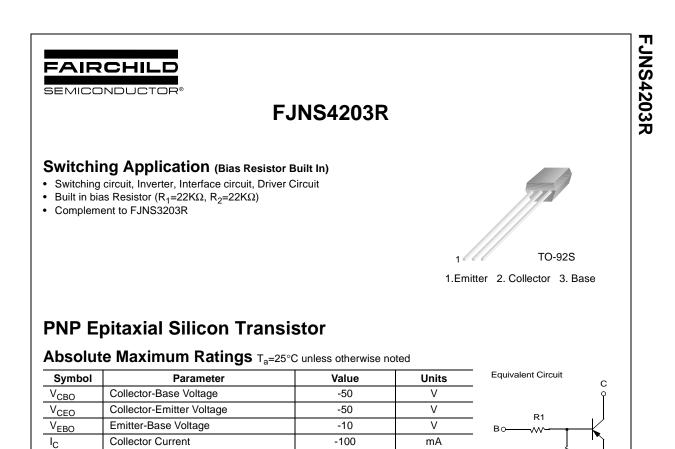
P_C

ΤJ

T_{STG}



Electrical Characteristics T_a=25°C unless otherwise noted

Collector Power Dissipation

Junction Temperature

Storage Temperature

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	56			
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -10mA, I _B = -0.5mA			-0.3	V
f _T	Current Gain Bandwidth Product	V _{CE} = -10V, I _C = -5mA		200		MHz
C _{ob}	Output Capacitance	V _{CB} = -10V, I _E =0 f=1.0MHz		5.5		pF
V _I (off)	Input Off Voltage	V _{CE} = -5V, I _C = -100μA	-0.5			V
V _I (on)	Input On Voltage	V _{CE} = -0.3V, I _C = -5mA			-3.0	V
R ₁	Input Resistor		15	22	29	KΩ
R_1/R_2	Resistor Ratio		0.9	1	1.1	

300

150

-55 ~ 150

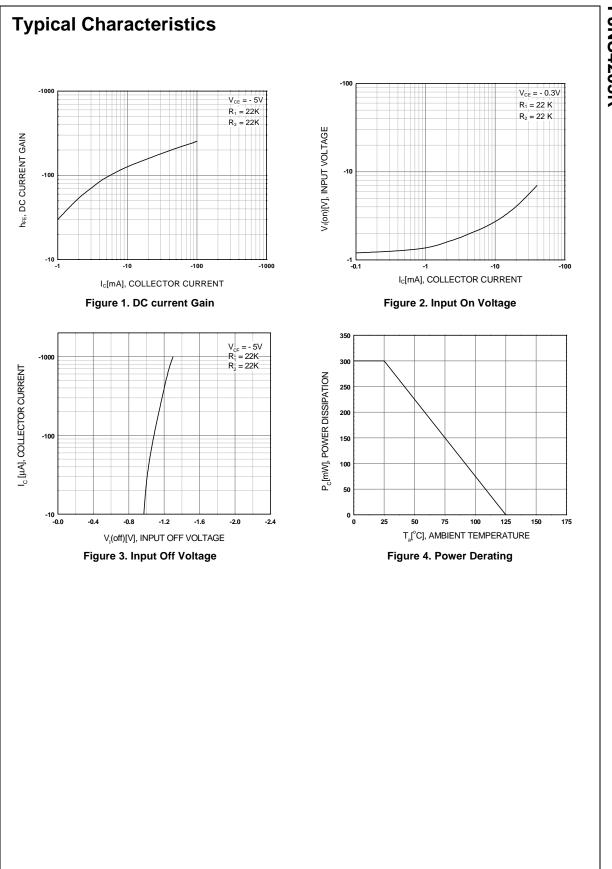
mW

°C

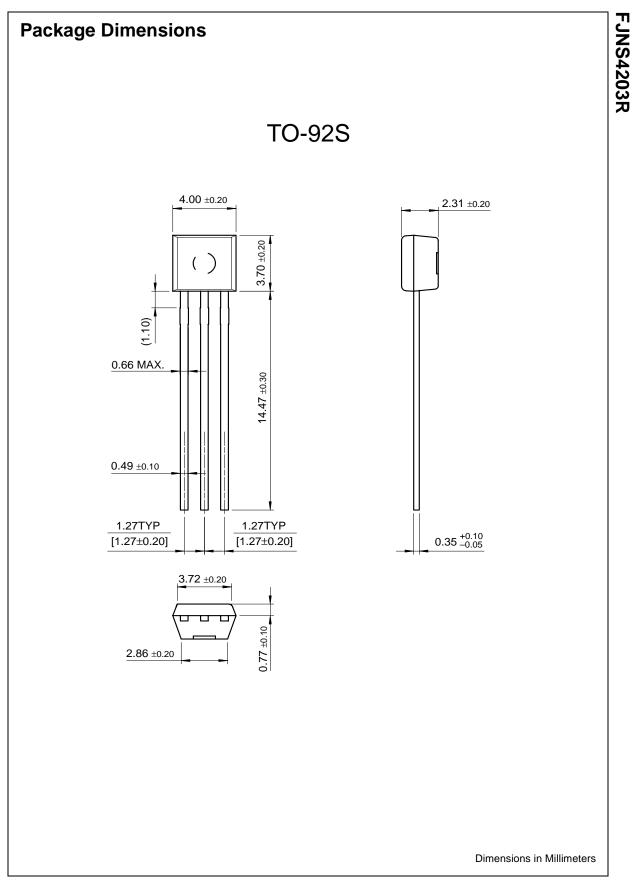
°C

R2 ≷

Е



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DOME™	HiSeC™	Power247™	SuperSOT™-6	
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