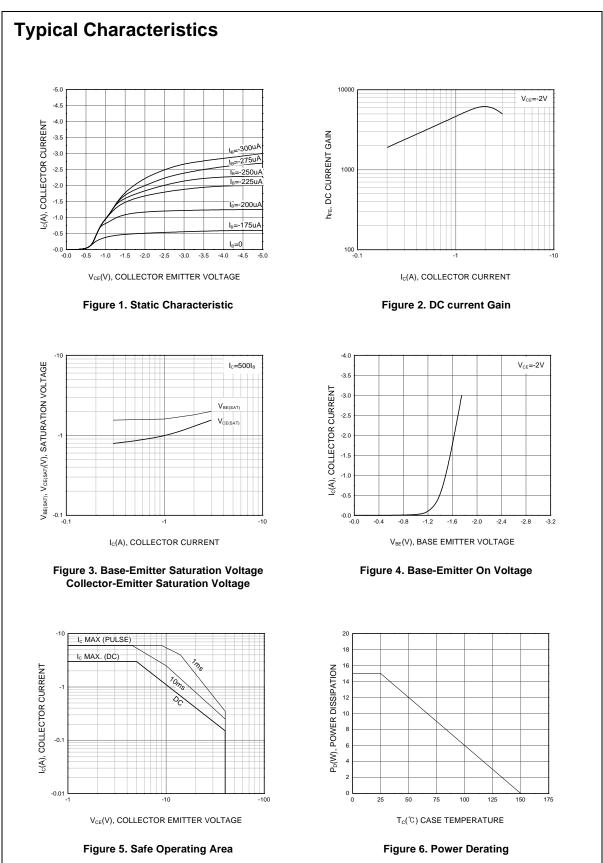


PNP Silicon Darlington Transistor

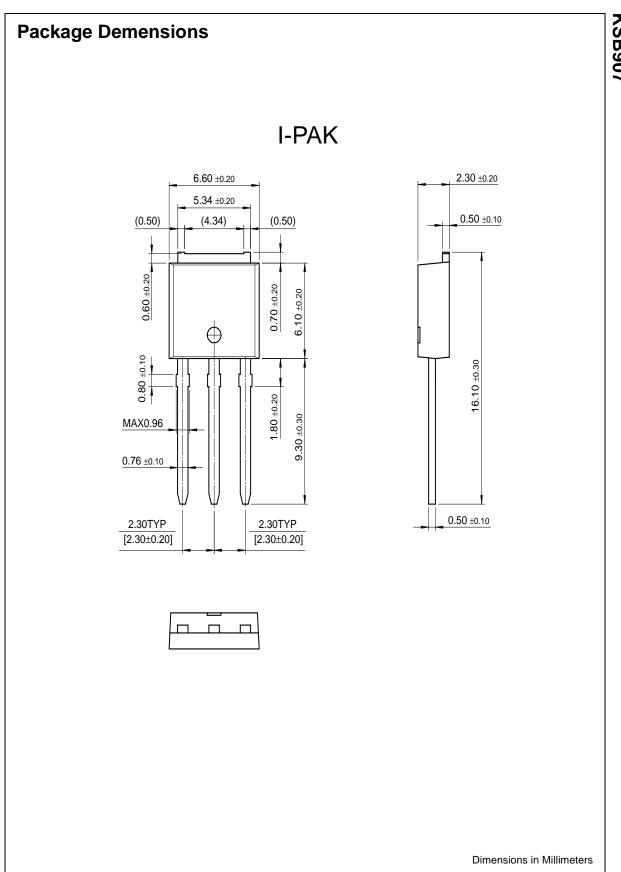
Symbol	Parameter	Value	Units
СВО	Collector-Base Voltage	- 60	V
CEO	Collector-Emitter Voltage	- 40	V
/ _{EBO}	Emitter-Base Voltage	- 5	V
с	Collector Current(DC)	- 3	А
в	Base Current	- 0.3	Α
	Collector Dissipation (T _a =25°C)	15	W
°c	Collector Dissipation (T _C =25°C)	1	W
Pc Pc TJ	Junction Temperature	150	°C
Г _{STG}	Storage Temperature	- 55 ~ 150	°C

Electrical Characteristics T_C=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
BV _{CEO}	Collector- Emitter Breakdown Voltage	I _C = - 25mA, I _B = 0	- 40			V
I _{CBO}	Collector Cut-off Current	$V_{CB} = -60V, I_E = 0$			- 20	μA
IEBO	Emitter Cut-off Current	$V_{EB} = -5V, I_{C} = 0$			- 2.5	μΑ
h _{FE1} h _{FE2}	DC Current Gain	$V_{CE} = -2V, I_{C} = -1A$ $V_{CE} = -2V, I_{C} = -3A$	2000 1000		-	नत
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = - 2A, I _B = - 4mA		1	- 1.5	V
V _{BE} (sat)	Base-Emitter Saturation Voltage	I _C = - 2A, I _B = - 4mA		22.	- 2	V
t _{ON}	Turn ON Time	$V_{CC} = -30V, I_{C} = -3A$ $I_{B1} = -I_{B2} = -6mA$		0.3		μs
t _{STG}	Storage Time		1.000	0.6		μs
t _F	Fall Time	$R_L = 10\Omega$		0.25		μs
18	E BJDD COM					



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