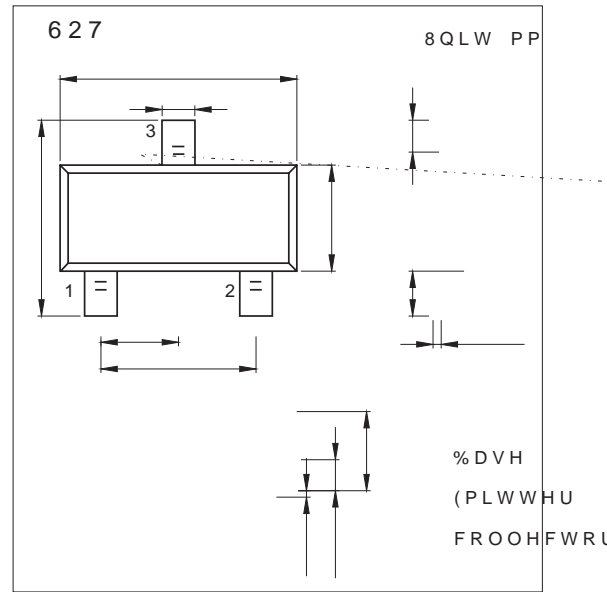


"Complementary to 69014  
 " 3 1 3 7 U D Q V L V W R U V



Parameter	Symbol	Rating	Unit
Collector-Base Voltage	$V_{CB0}$	-50	V
Collector-Emitter Voltage	$V_{CE0}$	-45	V
Emitter-Base Voltage	$V_{EB0}$	-5	V
Collector Current -Continuous	$I_c$	-0.1	A
Collector Power Dissipation	$P_c$	0.2	W
Junction Temperature	$T_j$	150	°C
Storage Temperature	$T_{stg}$	-55 to 150	°C

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	$V_{CB0}$	$I_c=-100\mu A, I_E=0$	-50			V
Collector-emitter breakdown voltage	$V_{CE0}$	$I_c=-1mA, I_B=0$	-45			V
Emitter-base Breakdown voltage	$V_{EB0}$	$I_E=-100\mu A, I_C=0$	-5			V
Collector cutoff current	$I_{CBO}$	$V_{CB}=-50V, I_E=0$			-0.1	$\mu A$
Emitter cutoff current	$I_{EBO}$	$V_{EB}=-5V, I_C=0$			-0.1	$\mu A$
DC current gain	$h_{FE}$	$V_{CE}=-5V, I_c=-1mA$	200		1000	
Collector-emitter saturation voltage	$V_{CE(sat)}$	$I_c=-100mA, I_B=-10mA$			-0.3	V
Base-emitter saturation voltage	$V_{BE(sat)}$	$I_c=-100mA, I_B=-10mA$			-1	V
Transition frequency	$f_T$	$V_{CE}=-5V, I_c=-10mA, f=30MHz$	150			MHz

### ■ hFE Classification

Type	69015-L	69015-H
Range	200-450	450-1000
Marking	M6	