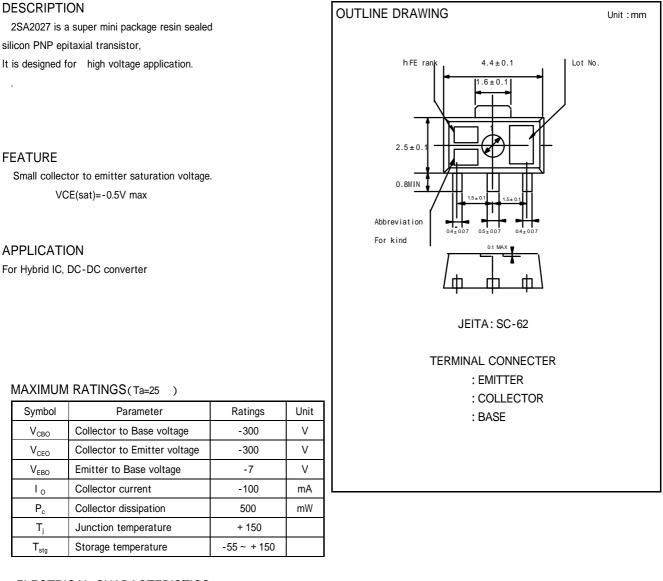
### SMALL-SIGNAL TRANSISTOR

# 2SA2027

# FOR LOW FREQUENCY AMPLIFY APPLICATION SILICON PNP EPITAXIAL TYPE(Super mini type)



### ELECTRICAL CHARACTERISTICS (Ta=25)

Parameter	Symbol	Test conditions		Limits		
			Min	Тур	Max	Unit
C to B break down voltage	V(BR)сво	l <sub>c</sub> =-50 μ A ,l <sub>e</sub> =0	-300	-	-	V
E to Bbreak down voltage	V(BR) EBO	Ι <sub>E</sub> =-50 μ Α ,Ι <sub>C</sub> =0	-7	-	-	V
C to E break down voltage	V(BR)CEO	I <sub>c</sub> =-1mA ,R <sub>BE</sub> =	-300	-	-	V
Collector cut off current	ICBO	V <sub>CB</sub> =300V, I <sub>E</sub> =0mA	-	-	-0.5	μA
Emitter cut off current	IEBO	V <sub>EB</sub> =-5V, I <sub>C</sub> =0mA	-	-	-0.5	μA
DC forward current gain	hFE	V <sub>CE</sub> =-10V, I <sub>C</sub> =-10mA	50	-	305	
C to E Saturation Vlotage	VCE(sat)	I <sub>c</sub> =-100mA ,I <sub>B</sub> =-10mA	-	-	-0.5	V
Gain bandwidth product	fT	V <sub>CE</sub> =-6V, I <sub>E</sub> =10mA	-	40	-	MHz
Collector autout conscitones	Cab			2.0		~ Г

## ISAHAYA ELECTRONICS CORPORATION



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