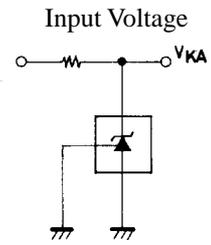
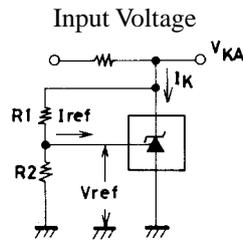
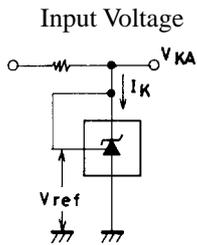
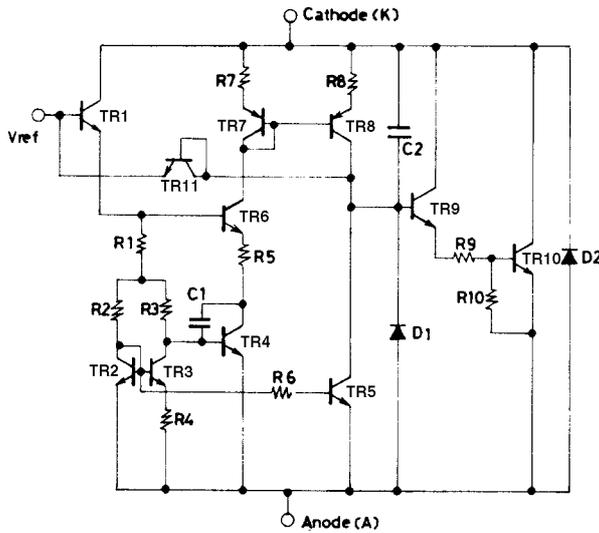


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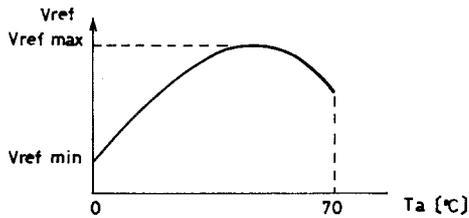
Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reference Voltage	Vref	VKA=Vref, IK=10mA : Fig.1	2440	2495	2550	mV
Reference Voltage Change with Temperature (Note1)	ΔVref (Ta)	VKA=Vref, IK=10mA, Ta=0 to +70°C : Fig.1		8	17	mV
Vref Change Ratio to VKA	$\frac{\Delta V_{ref}}{\Delta V_{KA}}$	IK=10mA, ΔVKA=10V to Vref : Fig.2		-1.4	-2.7	mV/V
		IK=10mA, ΔVKA=36V to 10V : Fig.2		-1.0	-2.0	mV/V
Reference Voltage Pin Input Current Change with Temperature (Note1)	ΔIref (Ta)	IK=10mA, R1=10kΩ, R2=∞, Ta=0 to +70°C : Fig.2		2	4	μA
Minimum Cathode Current	IKMIN	VKA=Vref, regulation available : Fig1		0.4	1	mA
OFF-Stage Cathode Current	IKoff	VKA=36V, Vref=0 : Fig.3		0.1	1	μA
Dynamic Resistance (Note2)	ZKA	VKA=Vref, f≤1kHz, IK=1 to 100mA : Fig.1		0.15	0.5	Ω

Equivalent Circuit Diagram

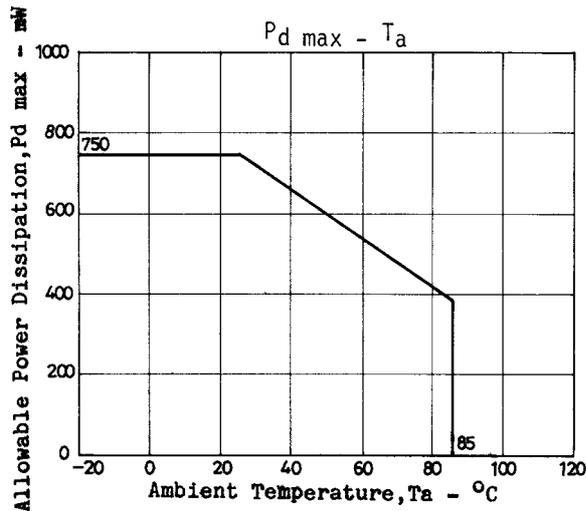


Note1 : ΔVref (Ta) is defined by using Vref max and Vref min as follows :
 $\Delta V_{ref} (Ta) = V_{ref \max} - V_{ref \min}$



Note2 : The dynamic resistance is defined as follows :

$$|Z_{KA}| = \frac{\Delta V_{KA}}{\Delta I_K}$$



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