



LEAD DETAILS

PIN CONNECTION

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34					
CONNECTION	F	N	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N	N	G	G	3	f	e	G	2	d	c	G	1	b	a	S	1	S	S	N	P	F

7-LT-44Z  
OUTER DIMENSION

電気的特性 ; Electrical Characteristics.

Item	Test Condition	Symbol	Min.	Typ.	Max.	Unit
フィラメント電流 Filament Current	$E_f = 3.1 \text{ Vac}$ $e_b = e_c = 0$	$I_f$	108	120	132	mA
アノード電流 Anode Current	$E_f = 3.1 \text{ Vac}$ $e_c = 27 \text{ Vp-p}$	$i_b / \text{dig}$ (14~34)	-	3.0	6.0	mA
		$i_b / \text{dig}$ (44~74)	-	4.5	9.0	mA
		$i_b / \text{START}$	-	3.0	6.0	mA
グリッド電流 Grid Current	$e_b(\phi) = 27 \text{ Vp-p}$ $e_b(\gamma) = 27 \text{ Vp-p}$ $e_b(\ ) = \text{ Vp-p}$	$i_c / 1\phi$	-	9.0	18.0	mA
		$i_c / 2\phi, 3\phi$	-	4.5	9.0	mA
		$i_c / 4\phi \sim 7\phi$	-	6.0	12.0	mA
拡散グリッド電流 Diffusion Grid Current	* ( $E_k = 4.5 \text{ Vdc}$ ) $t_p = 80 \mu\text{s}$ $t_{\text{blank}} = 20 \mu\text{s}$	$I_{cd}$	-	-	-	mA
輝度 Brightness	$D_u = 1/8.75$ $E_{cd} = - \text{ Vdc}$ $R_d = - \text{ k}\Omega$	$L(\phi)$	340 (100)	690 (200)	- (-)	$\frac{\text{cd}}{\text{ft-L}}$
		$L(\gamma)$	85 (25)	170 (50)	- (-)	$\frac{\text{cd}}{\text{ft-L}}$
		$L(\ )$	( )	( )	( )	$\frac{\text{cd}}{\text{ft-L}}$
輝度比 Brightness Ratio Between Digits		$\frac{L_{\text{max}}}{L_{\text{min}}}$	-	-	2	
グリッド消去電圧 Grid Cut-Off Voltage	$E_f = 3.1 \text{ Vac}$ $E_b = 27 \text{ Vdc}$ $E_c = \text{vary}$	$E_{cco}$	-6.5 *(-4.5)	-	-	Vdc
アノード消去電圧 Anode Cut-Off Voltage	$E_f = 3.1 \text{ Vac}$ $D_u = 1/8.75$ $t_p = 80 \mu\text{s}$ $e_c = 27 \text{ Vp-p}$ $E_b = \text{vary}$	$E_{bco}$	-4.5 *(-2.5)	-	-	Vdc

\* ( ) 内は、センタータップを接地した場合である。

The value in \* ( ) indicates the case of center tap grounded.