DS0

Rev.	Spec. No.	Date(M-D-Y)
0	P-R	Jan.-14-93
1	P-R1	Feb.-04-93
2	T-R	Feb.-05-98

itron Type Name DC201LA

1. Ratings

Parameter	Symbol	Minimum	Typical	Maximum	Unit
Operating Temp.	To	-40	-	+85	℃
Storage Temp.	Ts	-50	-	+85	℃
Filament Voltage	Ef #1	12.0	13.3	14.7	Vac
Grid Voltage	ec #2	-	35.0	42.0	Vp-p
Anode Voltage	eb #2	-	35.0	42.0	Vp-p
Color of illumination	Blue-green				

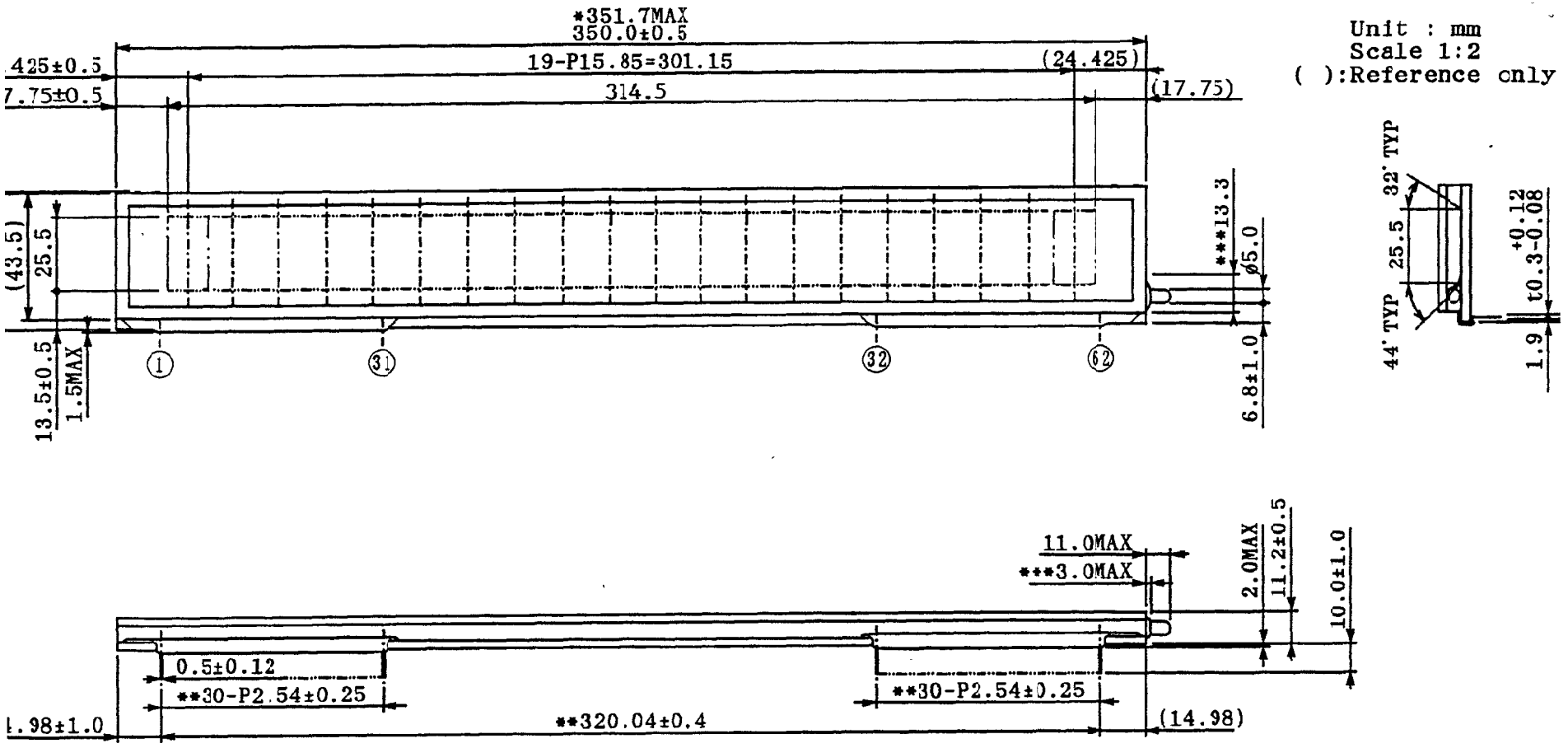
2. Electrical Characteristics

Parameter	Sym.	Test condition		Minimum	Typical	Maximum	Unit
Filament Current	If	Ef= 13.3 Vac #1 ec=eb= 0 V		248.0	275.0	303.0	mAac
Grid Current	ic #3	Ef= 13.3 Vac #1 ec= 35.0 Vp-p #2 eb= 35.0 Vp-p #2		-	50.0	75.0	mAp-p
Anode Current	ib #3	Ef= 13.3 Vac #1 ec= 35.0 Vp-p #2 eb= 35.0 Vp-p #2		-	60.0	90.0	mAp-p
Luminance	L	Ef= 13.3 Vac #1 ec= 35.0 Vp-p #2 eb= 35.0 Vp-p #2		350 102	- -	- -	cd/m² (fL)
Grid Cut-off Voltage	Ecco #4	Ef= 13.3 Vac #1 Eb= 35.0 Vdc		-15.0	-	-	Vdc
Anode Cut-off Voltage	Ebco #4	Ef= 13.3 Vac #1 ec= 35.0 Vp-p #2		-15.0	-	-	Vdc

#1 Effective value at 50 or 60 Hz sine wave.
#2 Test condition. Duty factor(Du)= 1/24
Pulse width(tp)= 100 μsec.
#3 Unless specified, the grid and anode current are measured per each grid, when all anodes turned on.
#4 With respect to center-tap. of filament transformer.

itron DC201LA : OUTER DIMENSION

Unit : mm
Scale 1:2
( ):Reference only

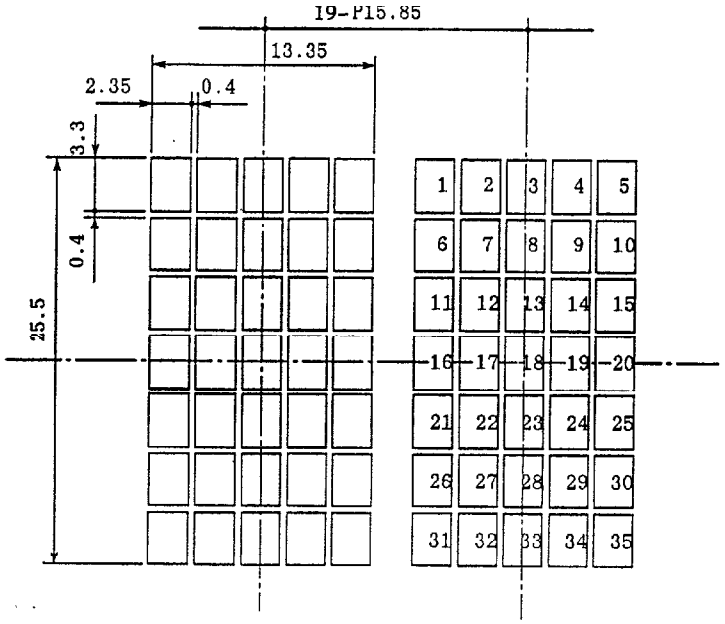


*Included extra frit glass and metal frame.
**Within 3 mm from bottom of the glass substrate.
***3 mm maximum extra frit glass at this area.

DC201LA : Display pattern

SHEET 3/3

Unit : mm
Scale 3:1



Pin Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Assignment	F	NC	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	NC

22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
G20	G19	G18	G17	G16	G15	G14	G13	G12	G11	NC	G10	G9	G8	G7	G6	G5	G4	G3	G2	G1

43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
NC	P35	P34	P33	P32	P31	P30	P29	P28	P27	P26	P25	P24	P23	P22	P21	P20	P19	NC	F

F:filament P:anode G:grid NC:no conect