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字高15mmH 4桁クロック用LED数字表示素子
15mmH 4Digits LED Numeric Displays for Clock

Ta=25°C

外種名 Type No.		外観結線図 Drawing No.	色 Color		絶対最大定格 Absolute Maximum Ratings					推奨動作電流 IF/seg Recommend.	電気的光学的特性 Optoelectric Characteristics					波長 Peak Wave Length
					IF/seg	IFP/seg	VR/seg	PD	Topr		VF Typ.	IF	Luminous Typ.	Intensity IF	IR Max	
Com.-Anode	Com.-Cathode		Red	Green	mA	mA	V	W	°C	mA			μcd	mA	(VR=3v) μA	
SL-1493T	SL-1494T	L-42	○		15	—	3	1.1	−20~60	5~10	1.9	5	300	10	10	700
※SL-1497T	SL-1498T	L-43	○		—	30	3	1.1	−20~60	10~20	1.9	5	300	20	10	700
＊SL-1459L	SL-1450L	L-44	○		15	60	3	1.1	−20~60	5~10	1.9	5	700	5	10	700
SL-2459G	SL-2450G	L-44		○	30	—	3	2.3	−20~60	10~20	2.05	15	1300	15	10	565
SL-1423P	SL-1424P	L-45	○		20	—	3	1.4	−20~60	5~15	1.9	5	200	5	10	700
	SL-2424	L-45		○	30	—	3	2.2	−20~60	10~20	2.05	15	250	15	10	565
SL-1499L	SL-1490L	L-46	○		15	—	3	1.1	−20~60	5~10	1.9	5	1000	10	10	700
SL-2499G	SL-2490G	L-46		○	30	—	3	2.2	−20~60	10~20	2.05	15	1400	15	10	565
SL-1447		L-47	○		15	—	3	1.2	−20~60	5~10	1.9	5	200	5	10	700
SL-2447		L-47		○	30	—	3	2.0	−20~60	10~15	2.05	15	350	15	10	565

＊Pulse width=1ms. Duty Ratio $\frac{1}{4}$ ※ Duty Ratio $\frac{1}{2}$: duplex drive I_{FP}: I_F Pulsed=Pulsed Forward Current

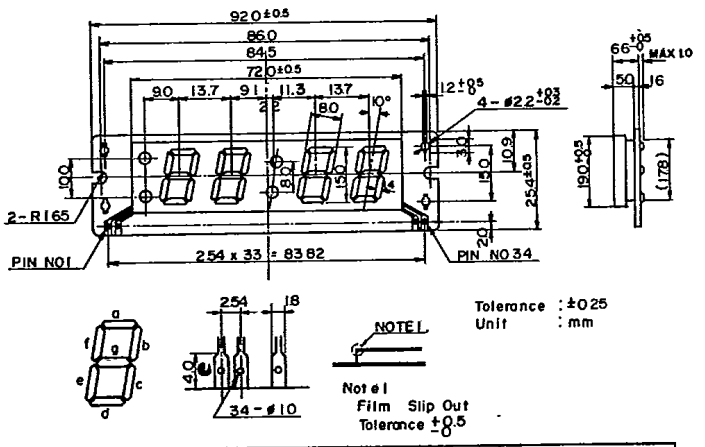
用途

クロック表示（置時計等）
周波数クロック表示（オーディオ用等）

APPLICATIONS

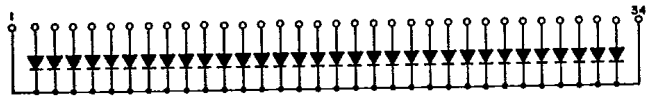
Time indication (Clock, etc.)
Clock Frequency indication (Audio devices, etc.)

L—42 SL-1493T 1494T



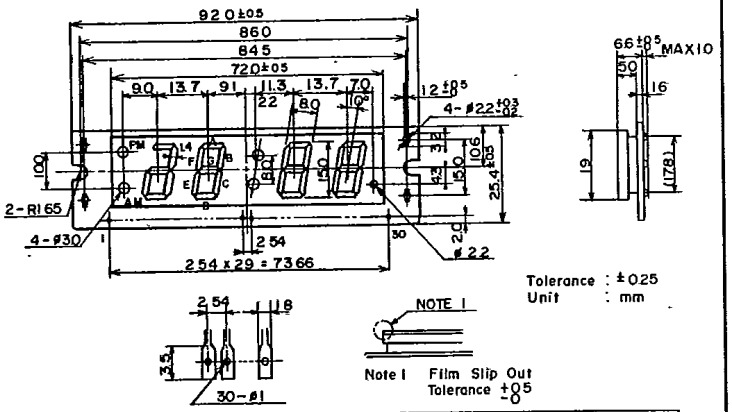
PIN NO	ADDRESS	PIN NO	ADDRESS	PIN NO.	ADDRESS
1	Common Cathode	13	Hour A Anode	25	10'S Min E Anode
2	PM Anode	14	" B "	26	" C "
3	AM "	15	" E "	27	Min F "
4	10'S Hour A "	16	" D "	28	" G "
5	" F "	17	" C "	29	" A "
6	" G "	18	Upper Colon "	30	" B "
7	" E "	19	Lower Colon "	31	" E "
8	" D "	20	10'S Min. F "	32	" D "
9	" C "	21	" G "	33	" C "
10	" B "	22	" A "	34	Common Cathode
11	Hour F "	23	" B "		
12	" G "	24	" D "		

Com. Cathode SL − 1494



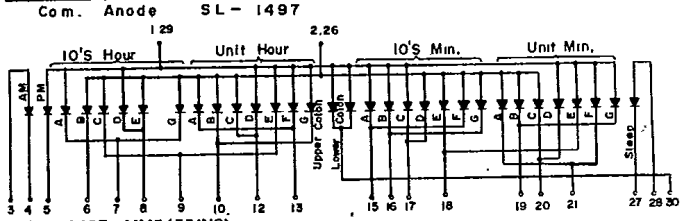
LSI 1493 MM5402(NS)
1494 LM8361, 8363, 8364 ＊＊(東三)

L—43 SL-1497T 1498T



PIN NO	ADDRESS	PIN NO.	ADDRESS	PIN NO	ADDRESS
1 - 29	PM, 10'S Hour A, D Unit Hour D, E, F, G Colon, 10'S Min. A, B, C & Unit Min. D, E, F, G Common Anode	6	10'S Hour B Cathode	16	10'S Min. B G Cathode
		7	" A G "	17	" C D "
		8	" D E "	18	10'S Min E & Unit Min. E Cathode
		9	10'S Hour C & Unit Hour E Cathode	19	Unit B G Cathode
2 - 26	10'S Hour B, C, E, G Unit Hour A, B, C, 10'S Min. D, E, F, G Unit Min. A, B, C Common Anode	10	Unit Hour B.G Cathode	20	Unit Min. C D Cathode
		11	N. C	21	" A F "
		12	Unit Hour C D Cathode	22	23, 24, 25 N C
3	AM Common Anode	13	" A F "	27	Sleep Cathode
4	AM Cathode	14	N C	28	Sleep Common Anode
5	PM Cathode	15	10'S Min. A F Cathode	30	Colon Cathode

Com. Anode SL − 1497



LSI 1497 MM5455(NS)
1498 LM8560 ＊(東三)

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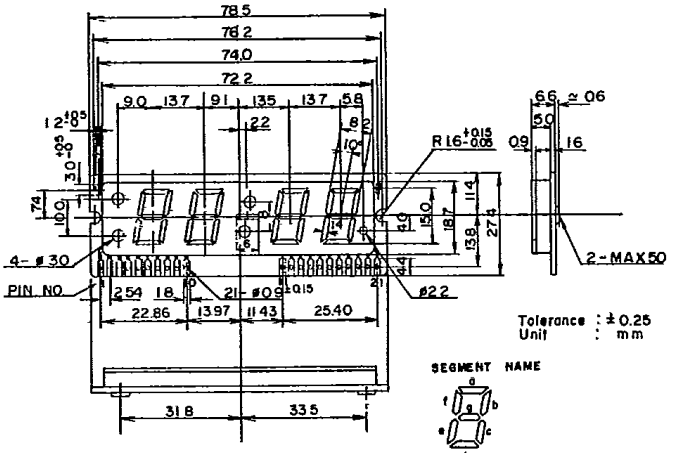
L—44

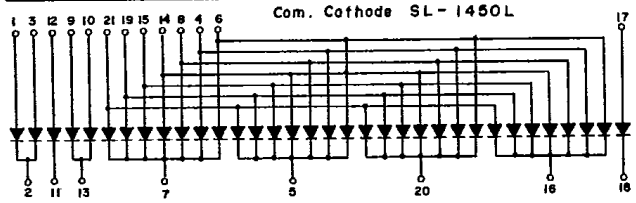
SL-1459L, 1450L
SL-2459G, 2450G



SEGMENT NAME

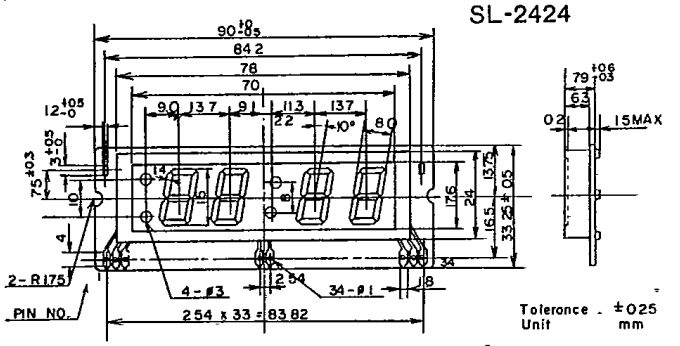
PIN NO	ADDRESS	PIN NO	ADDRESS
1	AM Anode	12	Minus Anode
2	AM, PM Cathode	13	Colon Common Cathode
3	PM Anode	14	d Anode
4	f "	15	c "
5	Unit Hour Common Cathode	16	Unit Minute Common Cathode
6	g Anode	17	Alarm Anode
7	10's Hour Common Cathode	18	Alarm Cathode
8	e Anode	19	b Anode
9	Upper Colon Anode	20	10's Minute Common Cathode
10	Lower " "	21	a Anode
11	Minus Cathode		

Com. Cathode SL-1450L



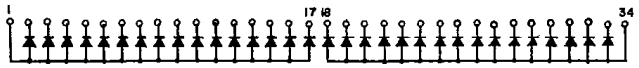
L—45

SL-1423P, 1424P
SL-2424



PIN NO	ADDRESS	PIN NO	ADDRESS	PIN NO	ADDRESS
1	Colon (left) Common Anode	13	Hour A Cathode	25	10's Min E Cathode
2	PM Cathode	14	" B "	26	" C "
3	AM "	15	" E "	27	Minute F "
4	10's Hour A Cathode	16	" D "	28	" G "
5	" F "	17	" C "	29	" A "
6	" G "	18	Upper Colon Cathode	30	" B "
7	" E "	19	Lower Colon Cathode	31	" E "
8	" D "	20	10's Min F Cathode	32	" D "
9	" C "	21	" G "	33	" C "
10	" B "	22	" A "	34	Colon (right) Common Anode
11	Hour F "	23	" B "		
12	" G "	24	" D "		

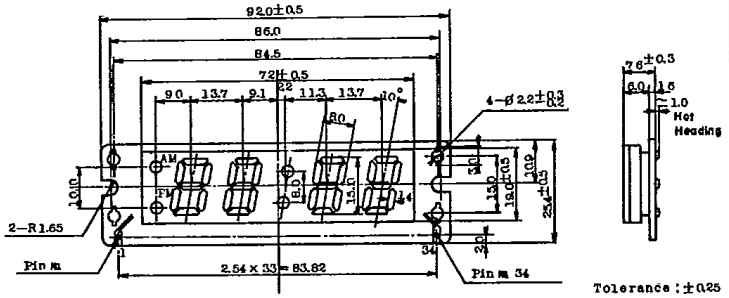
Com. Anode SL-1423



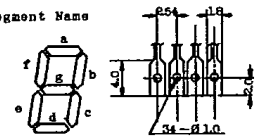
LSI 1423 : MM-5402
1424 : LM-8361, 8363, 8364 ＊(東三)
2424 : (LM-8361, 8363, 8364)

L—46

SL-1499L, 1490L
SL-2499G, 2490G



Segment Name

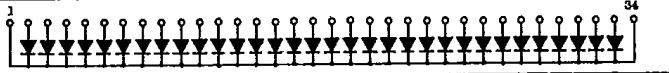


Type	Fully Displayed Font
SL-1490-11L SL-2490-11L	° 18.88
SL-1490-14L SL-2490-14L	88.88
SL-1490-10L SL-2490-10L	° 88.88

Pin Connection

Pin No	Address	Pin No	Address	Pin No	Address
1	Common per All	13	Unit Hour a	25	10'S Min. e
2	PM dot	14	b	26	" c
3	AM dot	15	e	27	" f
4	10'S Hour a	16	d	28	" g
5	" f	17	c	29	" a
6	" g	18	Upper Colon	30	" b
7	" e	19	Lower Colon	31	" e
8	" d	20	10'S Min. f	32	" d
9	" c	21	" g	33	" c
10	" b	22	" a	34	Common per All
11	Unit Hour f	23	" b		
12	" g	24	" d		

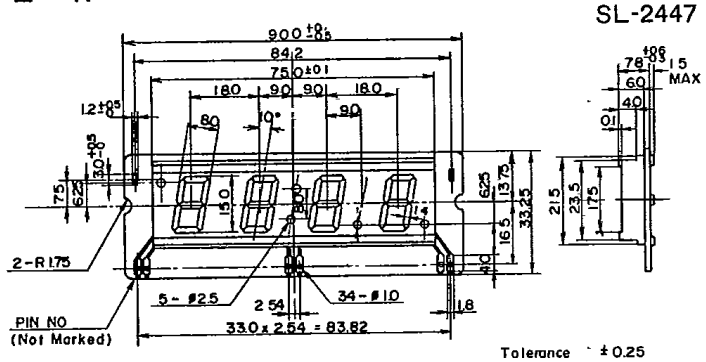
Common Cathode SL-1490-10L SL-2490-10L



LSI 1499, 2499 : MM-5402
1490, 2490 : LM-8361, 8363, 8364 ＊(東三)

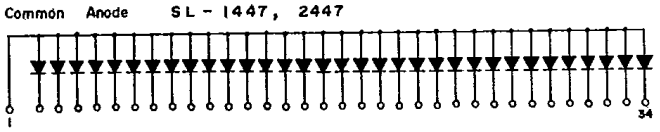
L—47

SL-1447
SL-2447



PIN NO.	ADDRESS	PIN NO.	ADDRESS	PIN NO.	ADDRESS
1	Common Anode	13	Unit Hour d Cathode	25	10'S Min b Cathode
2	dp 1	14	" c "	26	Unit Min a "
3	10'S Hour a Cathode	15	" g "	27	" f "
4	" f "	16	" b "	28	" e "
5	" e "	17	Lower Colon "	29	" d "
6	" d "	18	Upper Colon "	30	" c "
7	" c "	19	10'S Min a Cathode	31	" g "
8	" g "	20	" " f "	32	" b "
9	" b "	21	" e "	33	d·p 3
10	Unit Hour a "	22	" d "	34	d·p 2
11	" f "	23	" c "	35	
12	" e "	24	" g "	36	

Common Anode SL-1447, 2447



LSI 1447, 2447 : LC7250, 7265 ＊(東三)

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