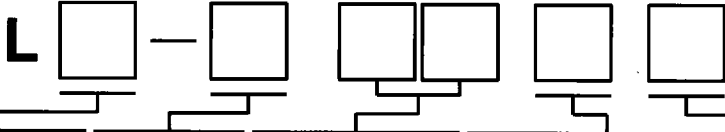


LED Numeric Displays (LA)

1 digit to 5 digit, for clock display, frequency display, etc.

●Product Designation



Type of Display	Height of Segments (character height)	Count	Emitting Color (2-Color type : 2-digit display)	Common
A Single digit	2 6, 6.4mm	01, 21, 31 Single digit	L Brightness Red 660nm	A-J Anode Common
B 2-3 digit	3 8, 7.6, 7.62mm	02 Two digit	V Red 650nm	K-U Cathode Common
C 4-5 digit	4 10, 10.16, 11mm	03 Three digit	U Amber 635nm	
	5 12.5, 13mm	04 Four digit	D Orange 610nm	
	6 14.22, 14.3, 14.6, 15mm	05 Five digit	Y Yellow 585nm	
	8 20mm		M Green 563nm	
	1 25.4mm			

*LA-6000, LA-221 and LB-6000 are not included.

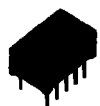
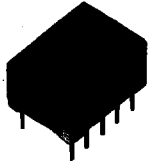
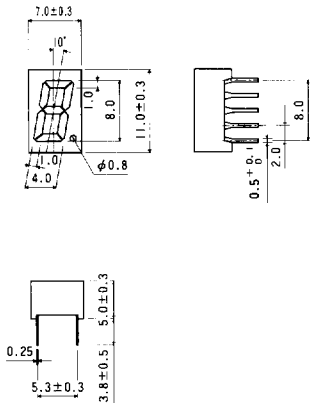
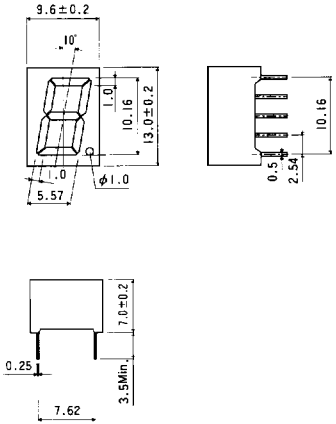
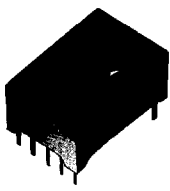
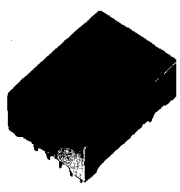
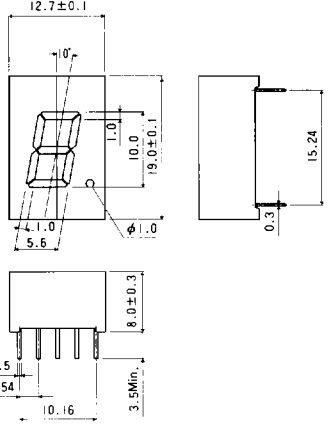
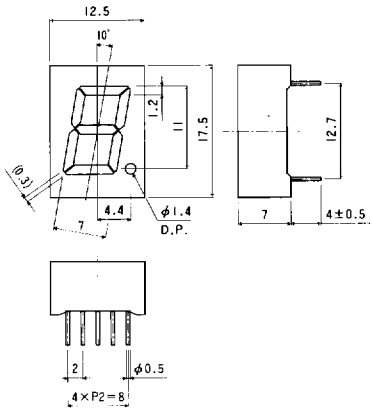
●Single digit Numeric Displays (LA)

Digit count	Character height (outer dimensions) (mm)	Common	Emitting color (material) λp (nm)	Red	Orange	Yellow	Green	Basic ordering unit	Quantity /package	Quantity /bag	Rank	
				GaAsP on GaP								GaP
				650/635	610	585	563					
Single Digit	8 (7×11)	Anode	LA-301VB	LA-301DB	LA-301YB	LA-301MB	200	200	200	◎		
		Cathode	LA-301VL	LA-301DL	LA-301YL	LA-301ML						
	10.16 (9.6×13)	Anode	LA-401VD	LA-401DD*3	LA-401YD*3	LA-401MD	140	140	140	◎		
		Cathode	LA-401VN	LA-401DN*3	LA-401YN*3	LA-401MN						
	10 (12.7×19)	Anode	LA-401VF	LA-401DF*3	LA-401YF*3	LA-401MF*3	120	120	120	◎		
		Cathode	LA-401VP	LA-401DP*3	LA-401YP*3	LA-401MP*3						
	11 (12.5×17.5)	Anode	LA-421MLA (Green/Brightness Red*2 Two-color light emission) *3					50	50	50	○	
		Cathode	LA-421MLK (Green/Brightness Red*2 Two-color light emission) *3									
	13 (12.5×17.5)	Anode	LA-501VD	LA-501DD*3	—	LA-501MD	60	60	60	◎		
		Cathode	LA-501VN	LA-501DN*3	—	LA-501MN						
	12.5 (14.8×20.0)	Anode	LA-501VF	LA-501DF*3	LA-501YF*3	LA-501MF	80	80	80	○		
		Cathode	LA-501VP	LA-501DP*3	LA-501YP*3	LA-501MP						
	14.6 (12.5×19)	Anode	LA-601LB*2/VB*3	LA-601DB*3	LA-601YB*3	LA-601MB*3	80	80	80	○		
		Cathode	LA-601LL*2/VL*3	LA-601DL*3	LA-601YL*3	LA-601ML*3						
	15 (17.3×24)	Anode	LA-601VF	LA-601DF*3	LA-601YF*3	LA-601MF*3	60	60	60	○		
		Cathode	LA-601VP	LA-601DP*3	LA-601YP*3	LA-601MP*3						
	14.22 (12.2×19)	Anode	LA-6760/6960*1*4	LA-6660*1*3	LA-6860*1*3	LA-6460*1	80	80	80	○		
		Cathode	LA-6780/6980*1*4	LA-6680*1*3	LA-6880*1*3	LA-6480*1						
	15 (12.5×19)	Anode	LA-621LMA (Brightness Red*2/Green Two-color light emission) *3					500	500	500	○	
		Cathode	LA-621LMK (Brightness Red*2/Green Two-color light emission) *3									
	20 (20×28)	Anode	LA-801VF	LA-801DF*3	LA-801YF*3	LA-801MF	40	40	40	◎		
		Cathode	LA-801VP	LA-801DP*3	LA-801YP*3	LA-801MP						
	25.4 (24×34)	Anode	LA-101VF	LA-101DF*3	LA-101YF*3	LA-101MF	50	50	50	◎		
		Cathode	LA-101VP	LA-101DP*3	LA-101YP*3	LA-101MP						
	57 (48×70)	Anode	LA-221LR*2*3	—	—	—	16	16	16	○		
		Cathode	—	LA-2212DU*3	—	—						
	25.4 (22.8×33)	Anode	LA-101LD*2*3	—	—	—	50	50	50	○		
		Cathode	LA-101LN*2*3	—	—	—						
25.4 (22.8×33)	Anode	LA-131LA*2*3	—	—	—	50	50	50	○			
	Cathode	LA-131LK*2*3	—	—	—							

Note : *1 Surface finished gray *2 Emitting material : GaAlAs λp: 660nm *3 Need a certain lead time for delivery *4 λp: 635nm.

◎ : Standard products ○ : Semi-standard products

(Unit : mm)

LA-301VB/DB/YB/MB/VL/DL/YL/ML	LA-401VD/DD/YD/MD/VN/DN/YN/MN
	
	
LA-401VF/DF/YF/MF/VP/DP/YP/MP	LA-421MLA/MLK
	
	

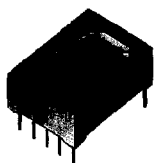
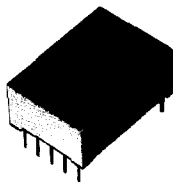
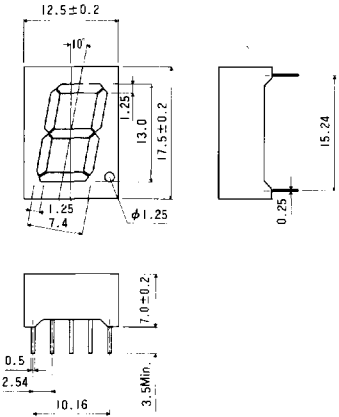
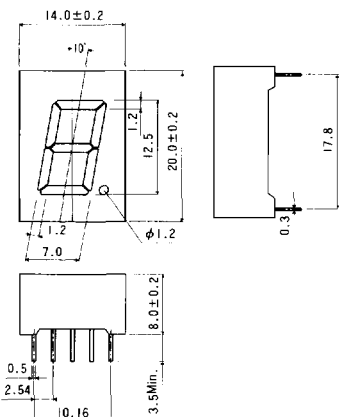
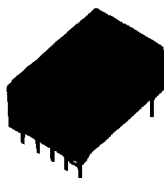
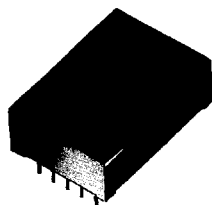
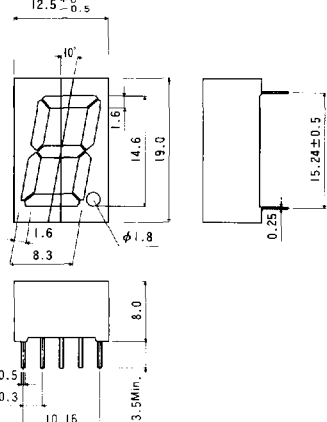
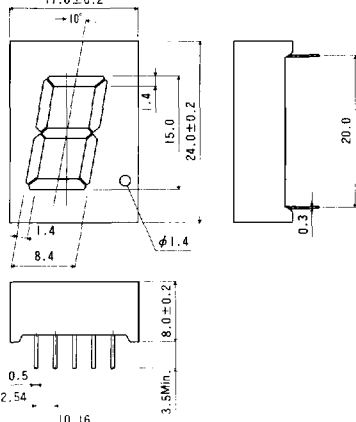
LED Numeric Displays

LED

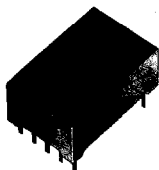
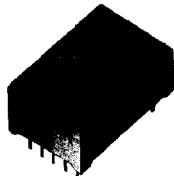
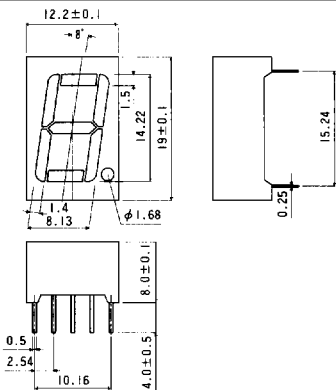
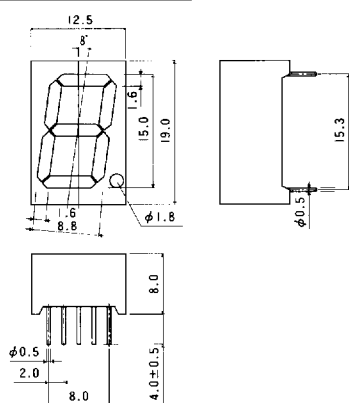
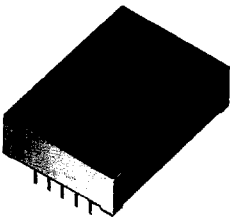
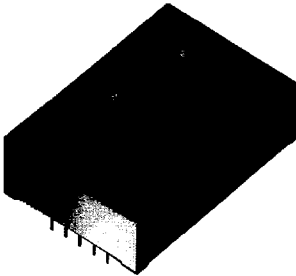
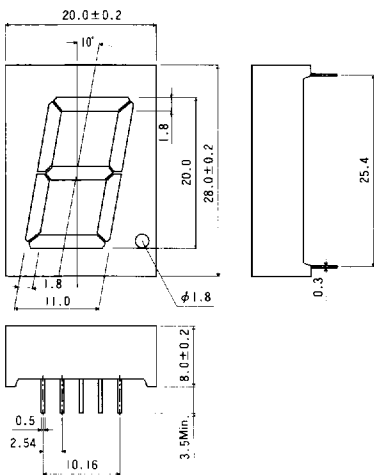
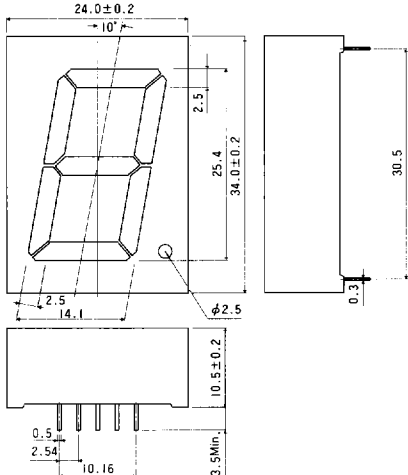
LED Numeric Displays (LA)

●Single Digit LED Numeric Displays (LA)

(Unit : mm)

LA-501VD/DD/MD/VN/DN/MN	LA-501VF/DF/YF/MF/VP/DP/YP/MP
	
	
LA-601LB/VB/DB/YB/MB/LL/VL/DL/YL/ML	LA-601VF/DF/YF/MF/VP/DP/YP/MP
	
	

(Unit : mm)

LA-6760/6960/6660/6860/6460/6780/6980/6680/6880/6480	LA-621LMA/LMK
	
 Note : Black coated surface colored segments LA-6760/6780 only.	
LA-801VF/DF/YF/MF/VP/DP/YP/MP	LA-101VF/DF/YF/MF/VP/DP/YP/MP
	
	

LED Numeric Displays

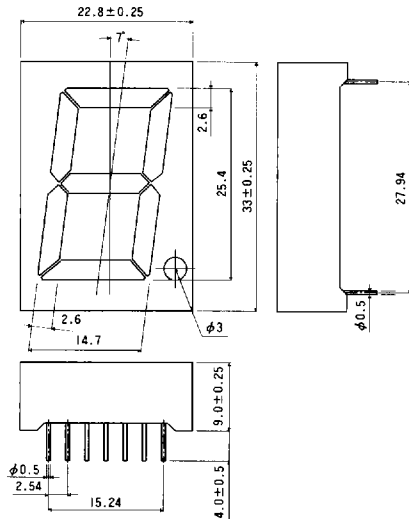
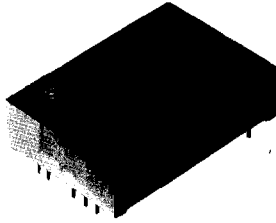
LED

LED Numeric Displays (LA · LB)

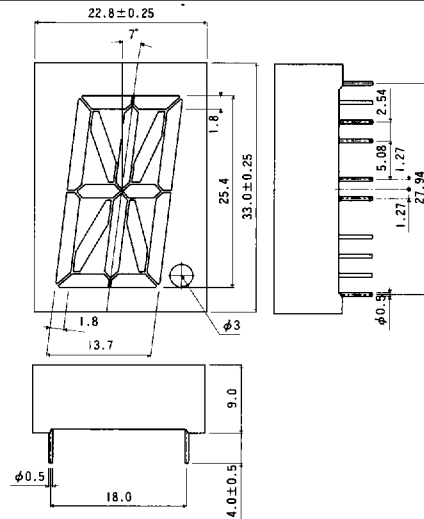
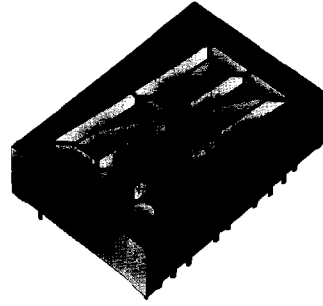
●Single Digit LED Numeric Displays (LA)

(Unit : mm)

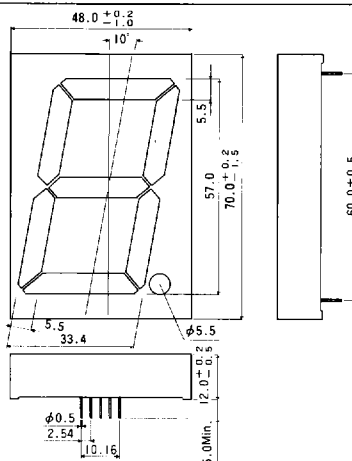
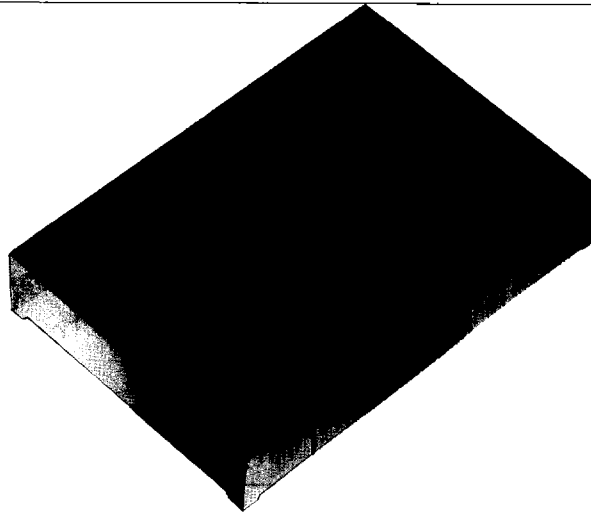
LA-101LD/LN



LA-131LA/LK



LA-221LR LA-2212DU



●Two or Three Digit LED Numeric Displays (LB)

Digit count	Character (outer dimensions) (mm)	Common	Emitting color	Red	Orange	Yellow	Green	Basic ordering unit	Quantity / package	Quantity / bag	Rank
			Emitting material λ_p (nm)	650/635	610	585	GaAsP on GaP GaP 563				
Two Digit	6.4 (12.8 × 15)	Anode		LB-202VB	LB-202DB	LB-202YB *3	LB-202MB	100	100	100	◎
		Cathode		LB-202VL	LB-202DL	LB-202YL *3	LB-202ML				
	7.62 (15.5 × 15)	Anode		LB-302VF *3/VF1 *3*5	LB-302DF *3/DF1 *3*5	LB-302YF *3/YF1 *3*5	LB-302MF *3/MF1 *3*5	500	500	500	○
		Cathode		LB-302VP *3/VP1 *3*5	LB-302DP *3/DP1 *3*5	LB-302YP *3/YP1 *3*5	LB-302MP *3/MP1 *3*5				
	10 (13 × 14)	Anode		LB-402LC *2*3/VC *3	—	—	LB-402MC *3	200	200	200	○
		Cathode		LB-402LM *2*3/VM *3	—	—	LB-402MM *3				
	10 (22 × 16)	Anode		LB-402VA	LB-402DA *3	—	LB-402MA	70	70	70	○
		Cathode		LB-402VK	LB-402DK *3	—	LB-402MK				
	10.16 (24 × 18)	Anode		LB-402VD	LB-402DD *3	LB-402YD *3	LB-402MD	40	40	40	◎
		Cathode		LB-402VN	LB-402DN *3	LB-402YN *3	LB-402MN				
	13 (25 × 17.5)	Anode		LB-502VD	LB-502DD *3	—	LB-502MD	40	40	40	◎
		Cathode		LB-502VN	LB-502DN *3	—	LB-502MN				
	14.3 (25 × 19)	Anode		LB-602VA2	LB-602DA2	LB-602YA2 *3	LB-602MA2	300	300	300	◎
		Cathode		LB-602VK2	LB-602DK2	LB-602YK2 *3	LB-602MK2				
	14.3 (25 × 18)	Anode		LB-602VF *3	—	—	LB-602MF *3	300	300	300	○
		Cathode		LB-602VP *3	—	—	LB-602MP *3				
	14.3 (25 × 18)	Anode		LB-602VF1 *3	—	—	LB-602MF1 *3	250	250	250	○
		Cathode		LB-602VP1 *3	—	—	LB-602MP1 *3				
	14.22 (25.0 × 19)	Anode		LB-6710/6910 *1*4	LB-6610 *1*3	LB-6810 *1*3	LB-6410 *1	300	300	300	○
		Cathode		LB-6740/6940 *1*4	LB-6640 *1*3	LB-6840 *1*3	LB-6440 *1				
Three Digit	6.4 (19.2 × 15)	Anode		LB-203VB	LB-203DB *3	LB-203YB *3	LB-203MB	80	80	80	◎
		Cathode		LB-203VL	LB-203DL *3	LB-203YL *3	LB-203ML				
	8 (22 × 13)	Anode		LB-303VA *3	LB-303DA *3	—	LB-303MA *3	100	100	100	○
		Cathode		LB-303VK *3	LB-303DK *3	—	LB-303MK *3				
	10.16 (33 × 16)	Anode		LB-403VD *3	LB-403DD *3	LB-403YD *3	LB-403MD *3	60	60	60	○
		Cathode		LB-403VN *3	LB-403DN *3	—	LB-403MN *3				
	10 (26 × 16)	Anode		LB-403VF1 *3	LB-403DF1 *3	—	LB-403MF1 *3	90	90	90	○
		Cathode		—	—	—	—				
	14.3 (37.5 × 18)	Anode		LB-603VF	—	—	LB-603MF	200	200	200	○
		Cathode		LB-603VP	—	—	LB-603MP				
	14.3 (37.5 × 18)	Anode		LB-603VF1 *3	—	—	LB-603MF1 *3	250	250	250	○
		Cathode		LB-603VP1 *3	—	—	LB-603MP1 *3				

Note : *1 Surface finished gray *2 Emitting material : GaAlAs λ_p : 660nm *3 Need a certain lead time for delivery *4 λ_p : 635nm *5 DP unit

◎ : Standard products ○ : Semi-standard products

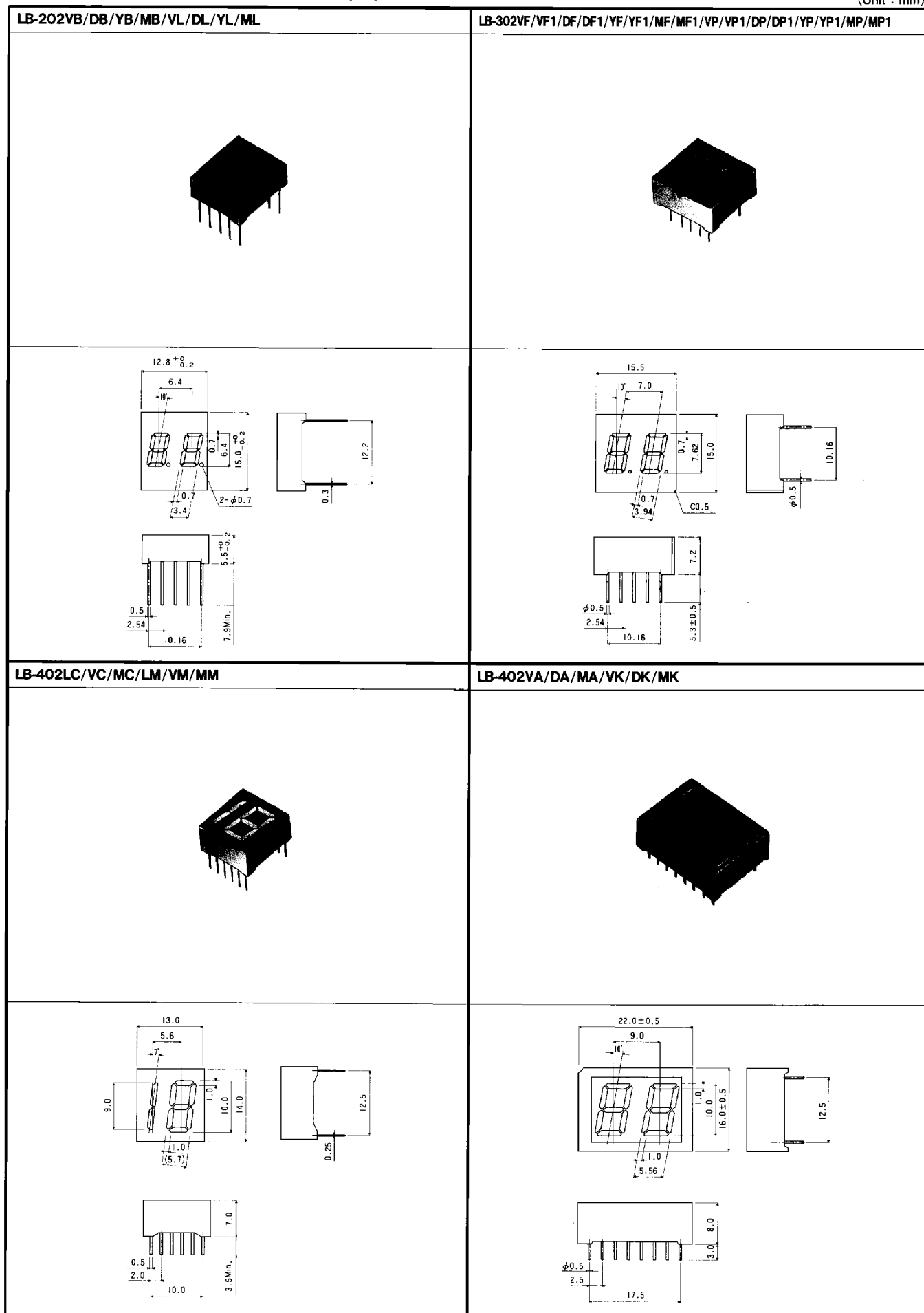
LED Numeric Displays

LED

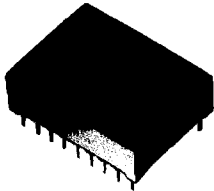
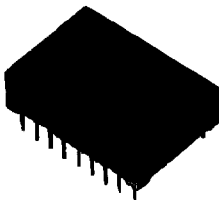
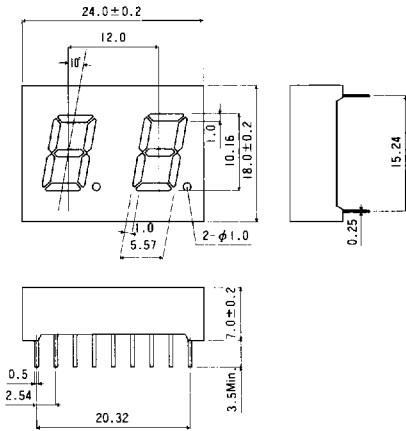
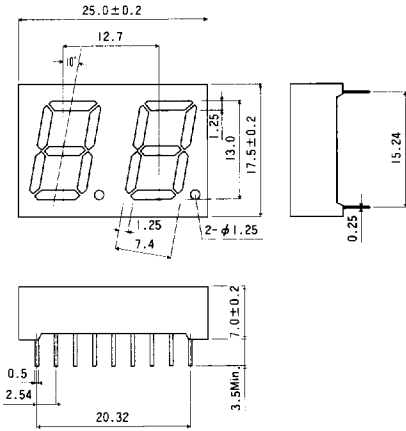
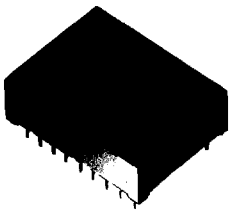
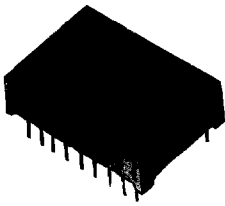
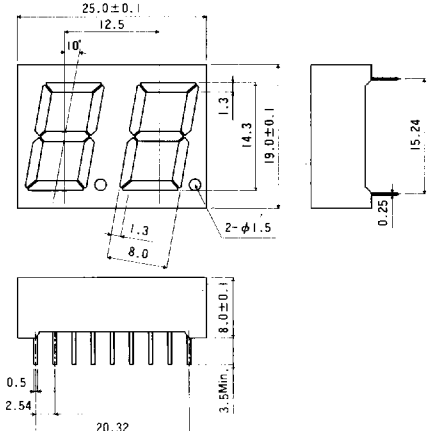
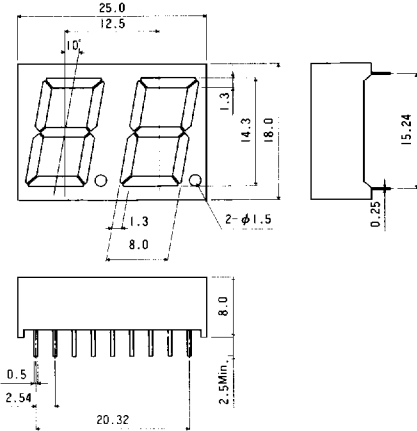
Product Designation

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(Unit : mm)



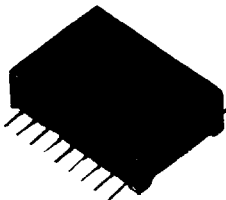
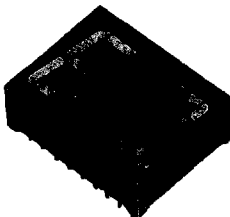
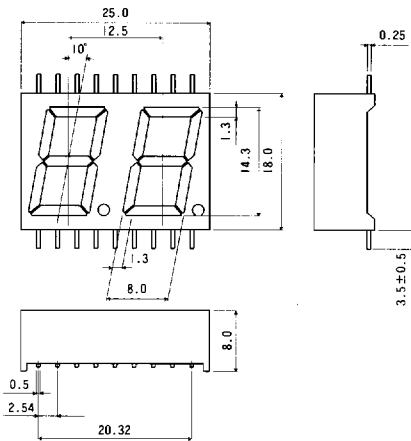
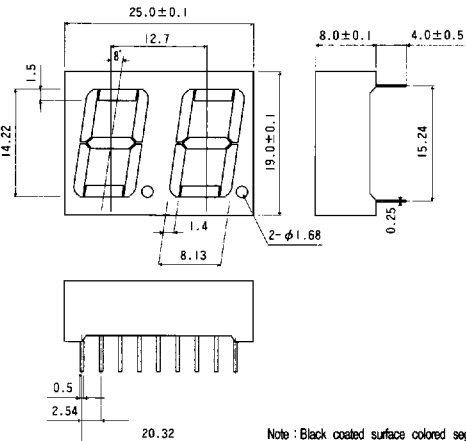
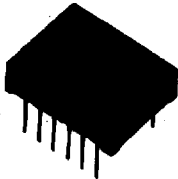
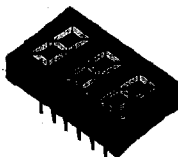
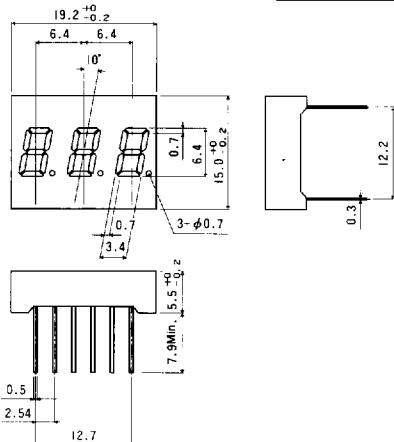
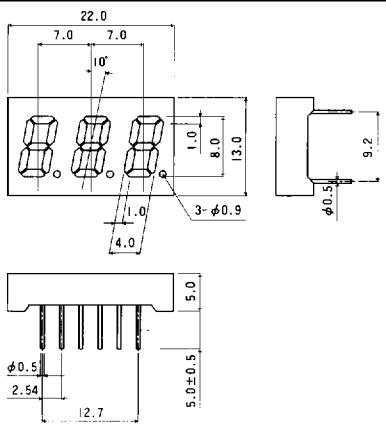
(Unit : mm)

LB-402VD/DD/YD/MD/VN/DN/YN/MN	LB-502VD/DD/MD/VN/DN/MN
	
 Top view dimensions: 24.0±0.2, 12.0, 10.16, 18.0±0.2, 1.0, 5.57, 2-φ1.0, 0.25. Side view dimensions: 15.24, 0.25, 7.0±0.2, 3.5Min, 20.32, 2.54, 0.5.	 Top view dimensions: 25.0±0.2, 12.7, 1.25, 13.0, 17.5±0.2, 1.25, 7.4, 2-φ1.25, 0.25. Side view dimensions: 15.24, 0.25, 7.0±0.2, 3.5Min, 20.32, 2.54, 0.5.
LB-602VA2/DA2/YA2/MA2/VK2/DK2/YK2/MK2	LB-602VF/MF/VP/MP
	
 Top view dimensions: 25.0±0.1, 12.5, 10°, 1.3, 14.3, 19.0±0.1, 1.3, 8.0, 2-φ1.5, 0.25. Side view dimensions: 15.24, 0.25, 8.0±0.1, 3.5Min, 20.32, 2.54, 0.5.	 Top view dimensions: 25.0, 12.5, 10°, 1.3, 14.3, 18.0, 1.3, 8.0, 2-φ1.5, 0.25. Side view dimensions: 15.24, 0.25, 8.0, 3.5Min, 20.32, 2.54, 0.5.

LED Numeric Displays (LB)

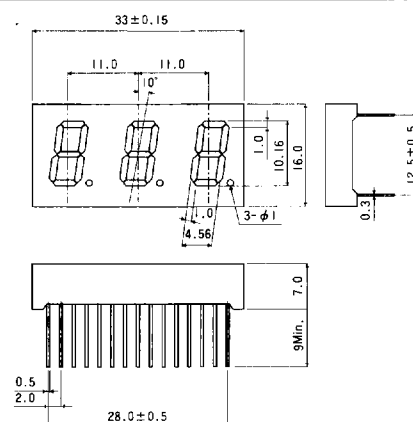
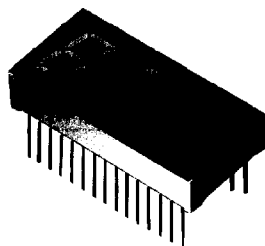
●Two or Three Digit LED Numeric Displays (LB)

(Unit : mm)

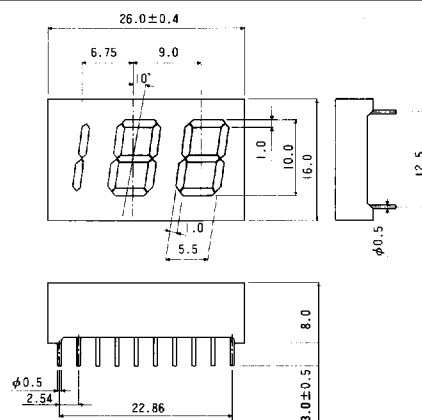
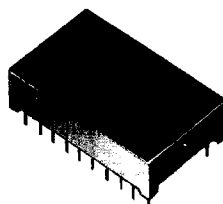
LB-602VF1/MF1/VP1/MP1	LB-6710/6910/6610/6810/6410/6740/6940/6640/6840/6440
	
 Technical drawing showing dimensions for the LB-602VF1/MF1/VP1/MP1 LED numeric display. Dimensions include: 25.0, 12.5, 10°, 1.3, 14.3, 18.0, 8.0, 3.5±0.5, 0.25, 8.0, 20.32, 2.54, 0.5.	 Technical drawing showing dimensions for the LB-6710/6910/6610/6810/6410/6740/6940/6640/6840/6440 LED numeric display. Dimensions include: 25.0±0.1, 12.7, 8.0±0.1, 4.0±0.5, 14.22, 1.5, 1.4, 8.13, 19.0±0.1, 2-φ1.68, 0.25, 15.24, 20.32, 2.54, 0.5. Note: Black coated surface colored segments LB-6710/6740 only.
LB-203VB/DB/YB/MB/VL/DL/YL/ML	LB-303VA/DA/MA/VK/DK/MK
	
 Technical drawing showing dimensions for the LB-203VB/DB/YB/MB/VL/DL/YL/ML LED numeric display. Dimensions include: 19.2^{+0.2}_{-0.2}, 6.4, 10°, 0.7, 6.4, 15.0^{+0.2}_{-0.2}, 0.3, 12.2, 3-φ0.7, 3.4, 7.9Min, 5.5^{+0.2}_{-0.2}, 12.7, 2.54, 0.5.	 Technical drawing showing dimensions for the LB-303VA/DA/MA/VK/DK/MK LED numeric display. Dimensions include: 22.0, 7.0, 10°, 1.0, 8.0, 13.0, 4.0, 3-φ0.9, 9.2, 5.0, 5.0±0.5, 12.7, 2.54, 0.5.

(Unit : mm)

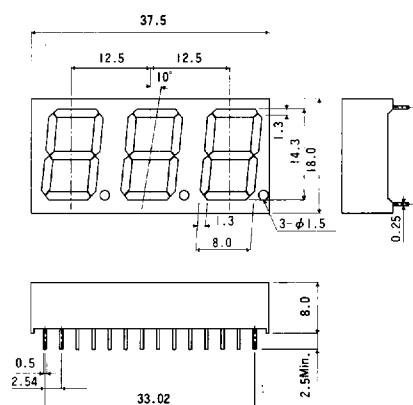
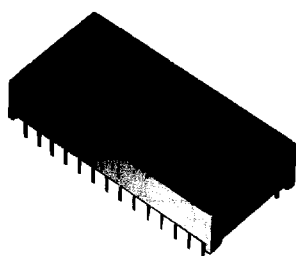
LB-403VD/DD/YD/MD/VN/DN/MN



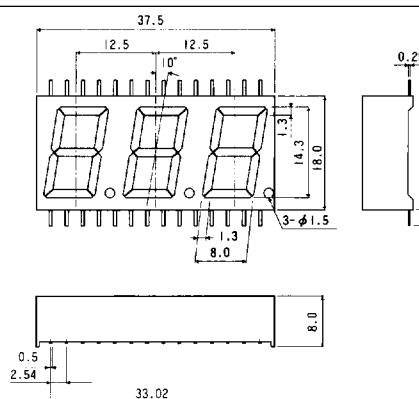
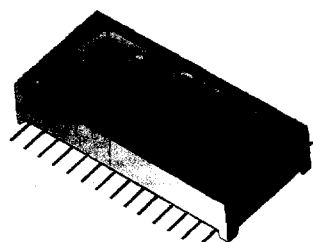
LB-403VF1/403DF1/403MF1



LB-603VF/MF/VP/MP



LB-603VF1/MF1/VP1/MP1



LED Numeric Displays

LED

LED Numeric Displays (LC)

●Four or Five Digit Numeric displays (LC)

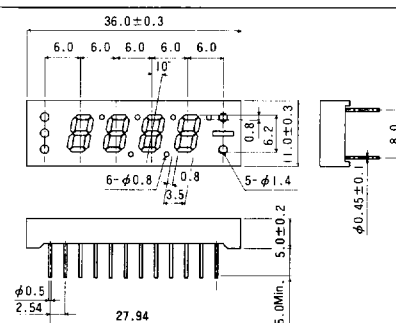
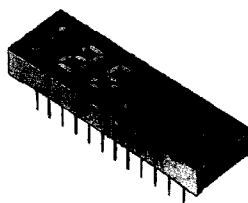
Digit count	Character height (outer dimensions) (mm)	Emitting color Common Emitting material λp (nm)	Red	Orange	Yellow	Green	Basic ordering unit	Quantity /package	Quantity /bag	Rank
			GaAsP on GaP			GaP				
Four Digit	6 (36×11) Dynamic drive	Anode	LC-204VB	LC-204DB *3	—	LC-204MB	500	500	500	○
		Cathode	LC-204VL	LC-204DL *3	—	LC-204ML				
	6 (36×11) Static drive	Anode	LC-204VD *3	LC-204DD *3	—	LC-204MD *3	500	500	500	○
		Cathode	LC-204VN *3	LC-204DN *3	—	LC-204MN *3				
	8 (30×14)	Anode	LC-304VA / UA *3*4	LC-304DA *3	—	LC-304MA *3	60	60	60	○
		Cathode	LC-304VK / UK *3*4	LC-304DK *3	—	LC-304MK *3				
Five Digit	7.6 (38×14)	Anode	LC-305VA *3	LC-305DA *3	LC-305YA *3	LC-305MA *3	60	60	60	○
		Cathode	LC-305VK *3	LC-305DK *3	LC-305YK *3	LC-305MK *3				

Note : *3 Need a certain lead time for delivery *4 λp : 635nm

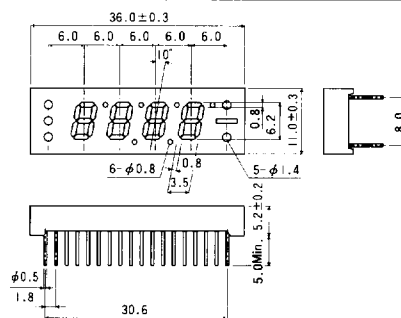
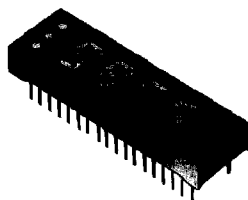
○ : Semi-standard products

(Unit : mm)

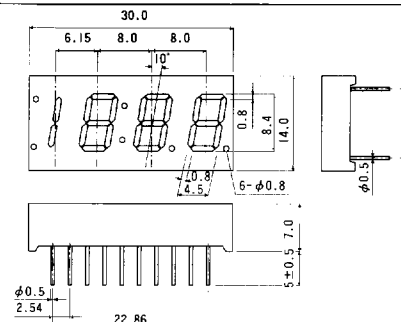
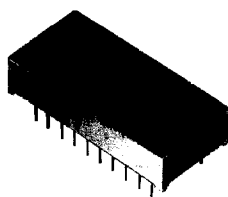
LC-204VB/DB/MB/VL/DL/ML



LC-204VD/DD/MD/VN/DN/MN



LC-304VA/UA/DA/MA/VK/UK/DK/MK



LC-305VA/DA/YA/MA/VK/DK/YK/MK

