

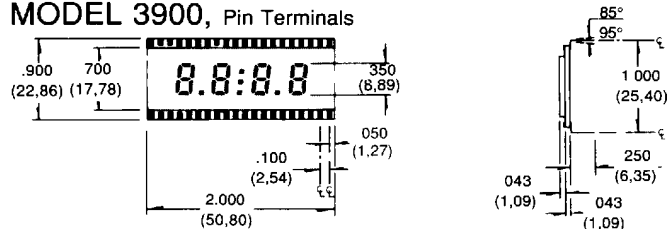
50E D ■ 8584748 0000070 4T1 ■ HAM

Standish LCD

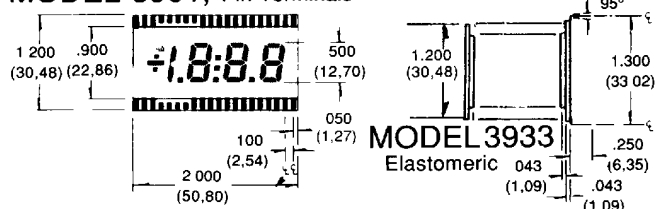
## PIN-OUT ASSIGNMENT

Pin-out sequences begin with the first pin located in the lower left corner of the LCD and continue to the right, with the last pin number in the top left corner. Digits are numbered from right to left. BP(COM) = Backplane (common) Electrode NC = No Contact

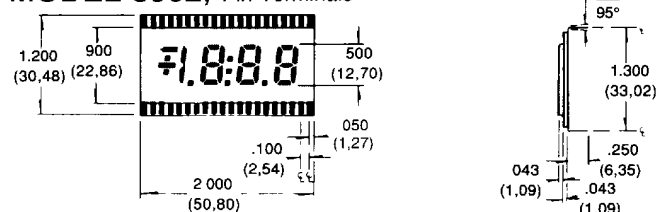
## MODEL 3900, Pin Terminals



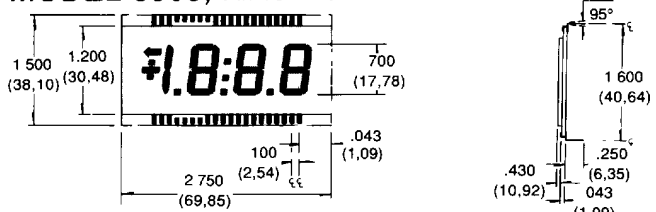
## MODEL 3901, Pin Terminals

MODEL 3933  
Elastomeric

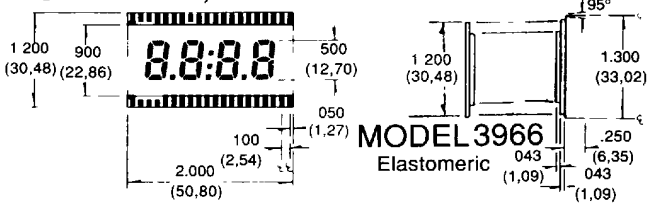
## MODEL 3902, Pin Terminals



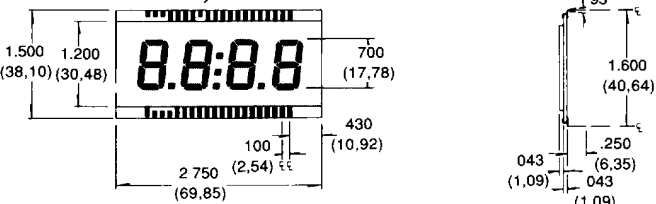
## MODEL 3903, Pin Terminals



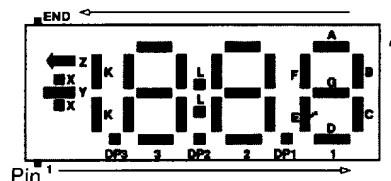
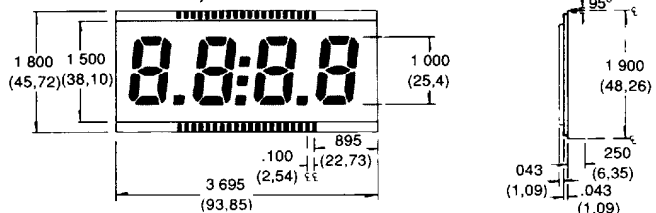
## MODEL 3906, Pin Terminals



## MODEL 3907, Pin Terminals



## MODEL 3908, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	9	E3	17	E1	25	A2	33	NC
2	NC	10	D3	18	D1	26	F2	34	B4
3	NC	11	C3	19	C1	27	G2	35	A4
4	NC	12	DP2	20	B1	28	L	36	F4
5	E4	13	E2	21	A1	29	B3	37	G4
6	D4	14	D2	22	F1	30	A3	38	NC
7	C4	15	C2	23	G1	31	F3	39	NC
8	DP3	16	DP1	24	B2	32	G3	40	BP (COM)

ELASTOMERIC VERSION = MODEL 3950

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	9	E3	17	E1	25	A2	33	NC
2	Y	10	D3	18	D1	26	F2	34	NC
3	K	11	C3	19	C1	27	G2	35	NC
4	NC	12	DP2	20	B1	28	L	36	NC
5	NC	13	E2	21	A1	29	B3	37	NC
6	NC	14	D2	22	F1	30	A3	38	Z
7	NC	15	C2	23	G1	31	F3	39	X
8	DP3	16	DP1	24	B2	32	G3	40	BP (COM)

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	9	E3	17	E1	25	A1	33	NC
2	Y	10	D3	18	D1	26	F1	34	NC
3	K	11	C3	19	C1	27	G1	35	NC
4	NC	12	DP2	20	B1	28	L	36	NC
5	NC	13	E2	21	A1	29	B3	37	NC
6	NC	14	D2	22	F1	30	A3	38	Z
7	NC	15	C2	23	G1	31	F3	39	X
8	DP3	16	DP1	24	B1	32	G3	40	BP (COM)

ELASTOMERIC VERSION = MODEL 3962

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	N/C
2	Minus	10	3D	18	1D	26	2F	34	N/C
3	Half Digit	11	3C	19	1C	27	2G	35	N/C
4	N/C	12	DP 2	20	1B	28	Colon	36	N/C
5	N/C	13	2E	21	1A	29	3B	37	N/C
6	N/C	14	2D	22	1F	30	3A	38	Arrow
7	N/C	15	2C	23	1G	31	3F	39	Plus
8	DP 3	16	DP 1	24	2B	32	3G	40	Backplane

ELASTOMERIC VERSION = MODEL 3953

MODEL 3903 IS ALSO AVAILABLE IN A "LO BAT" VERSION - MODEL 3941

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	9	E3	17	E1	25	A2	33	NC
2	NC	10	D3	18	D1	26	F2	34	B4
3	NC	11	C3	19	C1	27	G2	35	A4
4	NC	12	DP2	20	B1	28	L	36	F4
5	E4	13	E2	21	A1	29	B3	37	G4
6	D4	14	D2	22	F1	30	A3	38	NC
7	C4	15	C2	23	G1	31	F3	39	NC
8	E3	16	DP1	24	B2	32	G3	40	BP (COM)

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	N/C
2	N/C	10	3D	18	1D	26	2F	34	4B
3	N/C	11	3C	19	1C	27	2G	35	4A
4	N/C	12	DP 2	20	1B	28	Colon	36	4F
5	4E	13	2E	21	1A	29	3B	37	4G
6	4D	14	2D	22	1F	30	3A	38	N/C
7	4C	15	2C	23	1G	31	3F	39	N/C
8	DP 3	16	DP 1	24	2B	32	3G	40	N/C

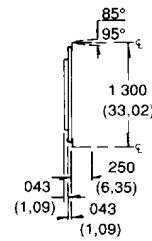
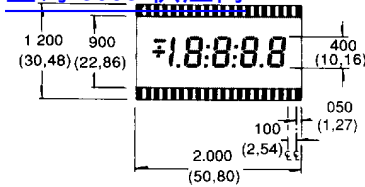
ELASTOMERIC VERSION = MODEL 3967

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	N/C
2	N/C	10	3D	18	1D	26	2F	34	4B
3	N/C	11	3C	19	1C	27	2G	35	4A
4	N/C	12	DP 2	20	1B	28	Colon	36	4F
5	4E	13	2E	21	1A	29	3B	37	4G
6	4D	14	2D	22	1F	30	3A	38	N/C
7	4C	15	2C	23	1G	31	3F	39	N/C
8	DP 3	16	DP 1	24	2B	32	3G	40	N/C

ELASTOMERIC VERSION = MODEL 3968



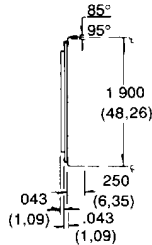
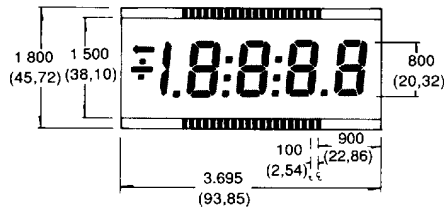
MODEL 3909, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	Colon
2	Minus	10	3D	18	1D	26	2F	34	4B
3	Half Digit	11	3C	19	1C	27	2G	35	4A
4	DP 4	12	DP 2	20	1B	28	Colon	36	4F
5	4E	13	2E	21	1A	29	3B	37	4G
6	4D	14	2D	22	1F	30	3A	38	Arrow
7	4C	15	2C	23	1G	31	3F	39	Plus
8	DP 3	16	DP 1	24	2B	32	3G	40	Backplane

ELASTOMERIC VERSION = MODEL 3959

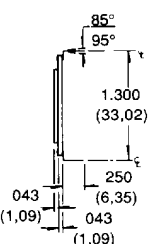
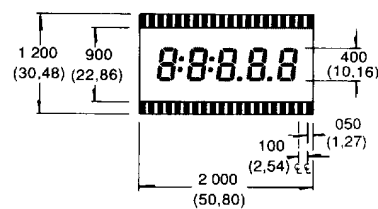
MODEL 3912, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	Colon
2	Minus	10	3D	18	1D	26	2F	34	4B
3	Half Digit	11	3C	19	1C	27	2G	35	4A
4	DP 4	12	DP 2	20	1B	28	Colon	36	4F
5	4E	13	2E	21	1A	29	3B	37	4G
6	4D	14	2D	22	1F	30	3A	38	Arrow
7	4C	15	2C	23	1G	31	3F	39	Plus
8	DP 3	16	DP 1	24	2B	32	3G	40	Backplane

ELASTOMERIC VERSION = MODEL 3952

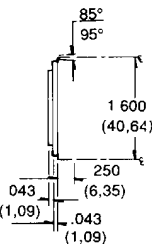
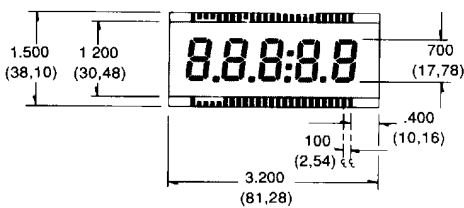
MODEL 3913, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	4B
2	5G	10	3D	18	1D	26	2F	34	4A
3	5E	11	3C	19	1C	27	2G	35	4F
4	5D	12	DP 2	20	1B	28	3B	36	4G
5	5C	13	2E	21	1A	29	3A	37	Colon 2
6	4E	14	2D	22	1F	30	3F	38	5B
7	4D	15	2C	23	1G	31	3G	39	5A
8	4C	16	DP 1	24	2B	32	Colon 1	40	5F

ELASTOMERIC VERSION = MODEL 3963

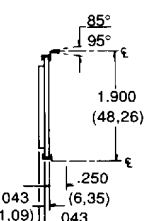
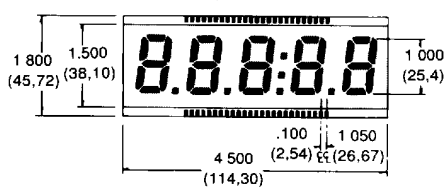
MODEL 3915, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	11	2D	21	DP 4	31	4F	41	2G
2	N/C	12	2C	22	5E	32	4G	42	N/C
3	N/C	13	DP 2	23	5D	33	Colon	43	1B
4	N/C	14	3E	24	5C	34	3B	44	1A
5	N/C	15	3D	25	5B	35	3A	45	1F
6	1E	16	3C	26	5A	36	3F	46	1G
7	1D	17	DP 3	27	5F	37	3G	47	N/C
8	1C	18	4E	28	5G	38	2B	48	N/C
9	DP 1	19	4D	29	4B	39	2A	49	N/C
10	2E	20	4C	30	4A	40	2F	50	N/C

ELASTOMERIC VERSION = MODEL 3965

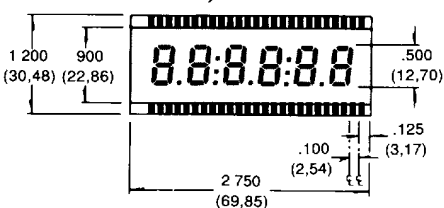
MODEL 3916, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	11	4D	21	DP	31	2F	41	4G
2	N/C	12	4C	22	1E	32	2G	42	N/C
3	N/C	13	DP 3	23	1D	33	Colon	43	5B
4	N/C	14	3E	24	1C	34	3B	44	5A
5	N/C	15	3D	25	1B	35	3A	45	5F
6	5E	16	3C	26	1A	36	3F	46	5G
7	5D	17	DP 2	27	1F	37	3G	47	N/C
8	5C	18	2E	28	1G	38	4B	48	N/C
9	DP 4	19	2D	29	2B	39	4A	49	N/C
10	4E	20	2C	30	2A	40	4F	50	N/C

ELASTOMERIC VERSION = MODEL 3976

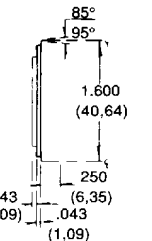
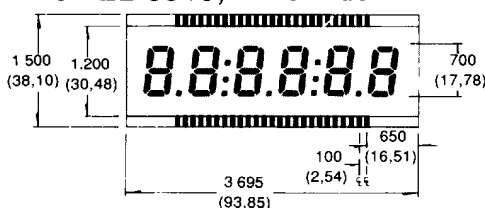
MODEL 3918, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	11	D4	21	DP1	31	F2	41	G4
2	E6	12	C4	22	E1	32	G2	42	L2
3	D6	13	DP3	23	D1	33	L1	43	B5
4	C6	14	E3	24	C1	34	B3	44	A5
5	DP5	15	D3	25	B1	35	A3	45	F5
6	E5	16	C3	26	A1	36	F3	46	G5
7	D5	17	DP2	27	F1	37	G3	47	B6
8	C5	18	E2	28	G1	38	B4	48	A6
9	DP4	19	D2	29	B2	39	A4	49	F6
10	E4	20	C2	30	A2	40	F4	50	G6

ELASTOMERIC VERSION = MODEL 3978

MODEL 3919, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	11	D4	21	DP1	31	F2	41	G4
2	E6	12	C4	22	E1	32	G2	42	L2
3	D6	13	DP3	23	D1	33	L1	43	B5
4	C6	14	E3	24	C1	34	B3	44	A5
5	DP5	15	D3	25	B1	35	A3	45	F5
6	E5	16	C3	26	A1	36	F3	46	G5
7	D5	17	DP2	27	F1	37	G3	47	B6
8	C5	18	E2	28	G1	38	B4	48	A6
9	DP4	19	D2	29	B2	39	A4	49	F6
10	E4	20	C2	30	A2	40	F4	50	G6

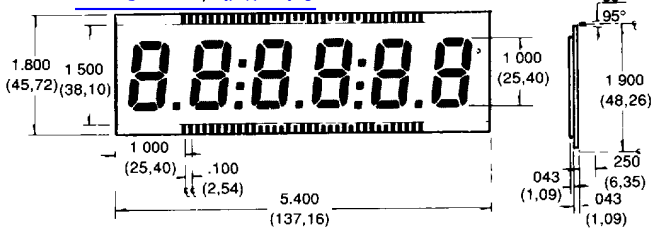
ELASTOMERIC VERSION = MODEL 3969



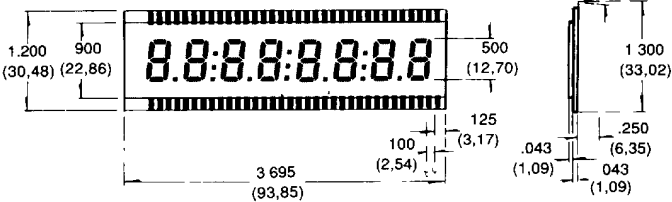
50E D ■ 8584748 0000072 274 ■ HAM

Standish LCD

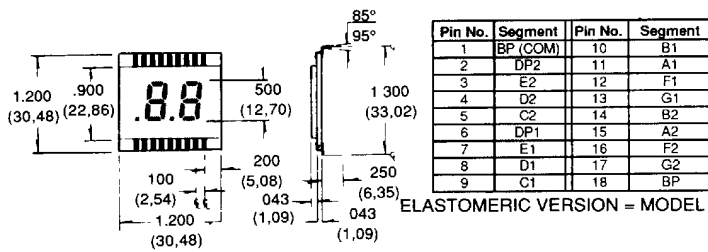
## MODEL 3920, Pin Terminals



## MODEL 3922, Pin Terminals



## MODEL 3935, Pin Terminals

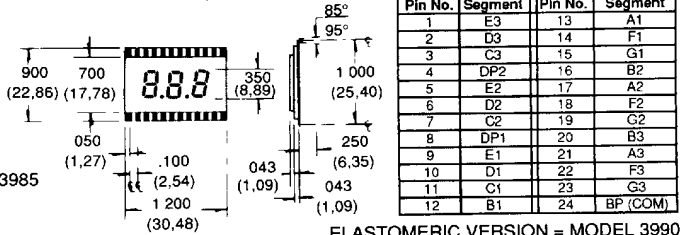


## ELASTOMERIC VERSION = MODEL 3980

Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	15	NC	29	NC	43	G2	57	NC
2	E6	16	C4	30	NC	44	L1	58	A4
3	D6	17	NC	31	C2	45	NC	59	F4
4	C6	18	DP3	32	DP1	46	B3	60	G4
5	DP5	19	E3	33	E1	47	NC	61	L2
6	E5	20	D3	34	D1	48	NC	62	B5
7	D5	21	NC	35	C1	49	NC	63	A5
8	C5	22	NC	36	B1	50	A3	64	F5
9	DP4	23	NC	37	A1	51	F3	65	G5
10	E4	24	C3	38	F1	52	G3	66	B6
11	D4	25	NC	39	G1	53	NC	67	A6
12	NC	26	DP2	40	B2	54	NC	68	F6
13	NC	27	E2	41	A2	55	B4	69	G6
14	NC	28	D2	42	F2	56	NC	70	BP (COM)

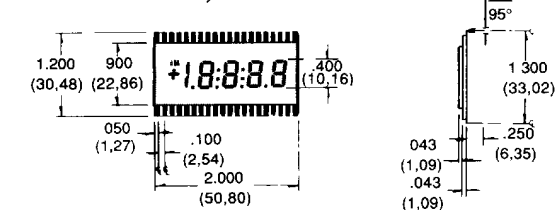
## ELASTOMERIC VERSION = MODEL 3972

## MODEL 3940, Pin Terminals



## ELASTOMERIC VERSION = MODEL 3990

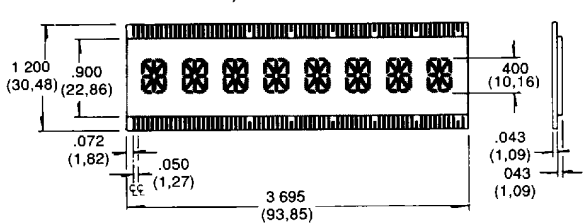
## MODEL 3939, Pin Terminals



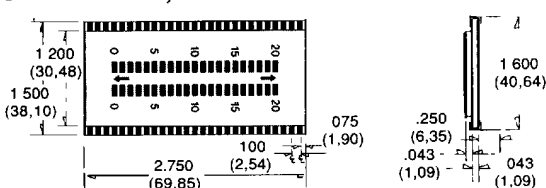
Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	9	3E	17	1E	25	2A	33	Colon 2
2	Minus	10	3D	18	1D	26	2F	34	4B
3	5B, C	11	3C	19	1C	27	2G	35	4A
4	DP4	12	DP2	20	1B	28	Colon 1	36	4F
5	4E	13	2E	21	1A	29	3B	37	4G
6	4D	14	2D	22	1F	30	3A	38	Lo Bat
7	4C	15	2C	23	1G	31	3F	39	Plus
8	DP3	16	DP1	24	2B	32	3G	40	Backplane

## ELASTOMERIC VERSION = MODEL 3989

## MODEL 3946, Elastomeric



## MODEL 3970, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1		12	Bar 9	23	Bar 18	34	Bar 37	45	Bar 28
2	Bar 1	13	Bar 10	24	Bar 19	35	5R	46	Bar 27
3	20L	14	Bar 11	25	Bar 20	36	Bar 36	47	15R
4	Bar 2	15	10L	26	Ol, Bar 21	37	Bar 35	48	Bar 26
5	Bar 3	16	Bar 12	27	Backplane	38	Bar 34	49	Bar 25
6	Bar 4	17	Bar 13	28		39	Bar 33	50	Bar 24
7	Bar 5	18	Bar 14	29	Or, Bar 42	40	Bar 32	51	Bar 23
8	Bar 6	19	Bar 15	30	Bar 41	41	10R	52	Bar 22
9	15L	20	5L	31	Bar 40	42	Bar 31	53	20R
10	Bar 7	21	Bar 16	32	Bar 39	43	Bar 30	54	Backplane
11	Bar 8	22	Bar 17	33	Bar 38	44	Bar 29		

## ELASTOMERIC VERSION = MODEL 3995



STANDISH/STANDISH L C D

Static Drive LCDs

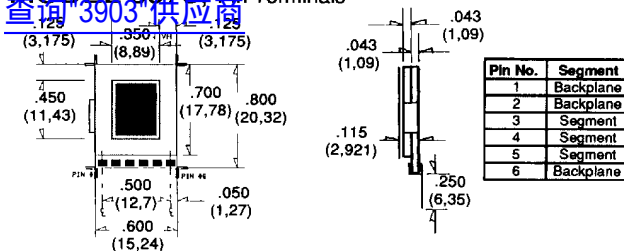
Standish LCD

50E D

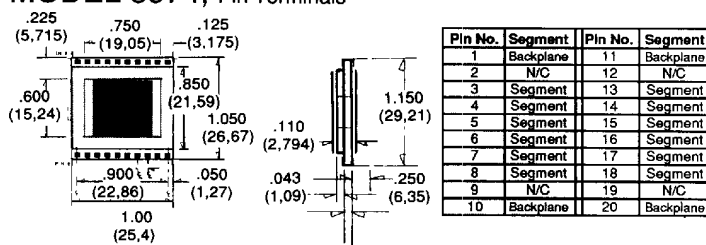
8584748 0000073 100 HAM

## MODEL 3973, Pin Terminals

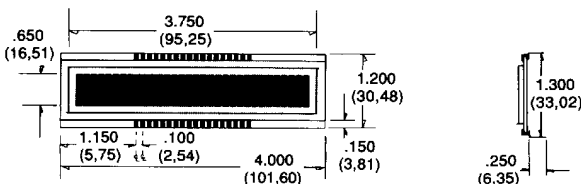
查询"3903"供应商



## MODEL 3974, Pin Terminals



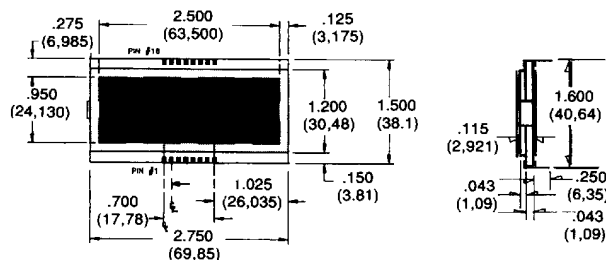
## MODEL 3975, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	BP (COM)	10	L15	20	L2	29	L20
2	L31	11	L13	21	L4	30	L22
3	L29	12	L11	22	L6	31	L24
4	L27	13	L9	23	L8	32	L26
5	L25	14	L7	24	L10	33	L28
6	L23	15	L5	25	L12	34	L30
7	L21	16	L3	26	L14	35	L32
8	L19	17	L1	27	L16	36	BP (COM)
9	L17	18-19	BP (COM)	28	L18		

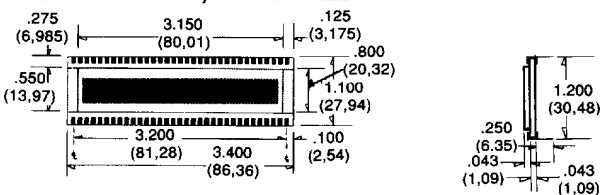
ELASTOMERIC VERSION = MODEL 3982

## MODEL 3977, Pin Terminals



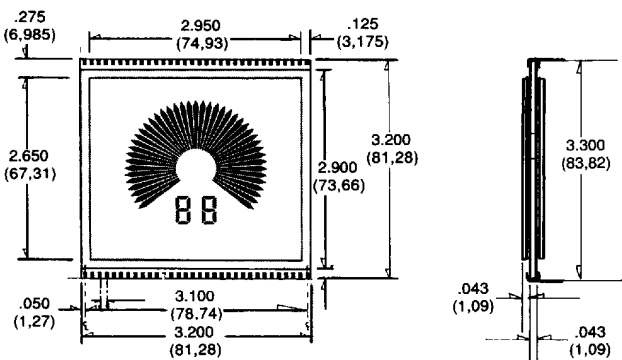
Pin No.	Segment	Pin No.	Segment
1	Backplane	9	N/C
2	Segment	10	N/C
3	Segment	11	N/C
4	Segment	12	N/C
5	Segment	13	N/C
6	Segment	14	N/C
7	Segment	15	N/C
8	Backplane	16	N/C

## MODEL 3982, Pin Terminals



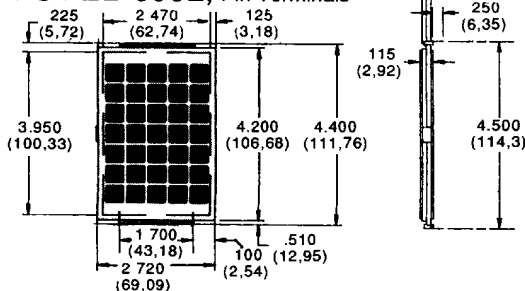
Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Backplane	15	Bar 28	29	Bar 56	43	Bar 47	57	Bar 19
2	Bar 2	16	Bar 30	30	Bar 58	44	Bar 45	58	Bar 17
3	Bar 4	17	Bar 32	31	Bar 60	45	Bar 43	59	Bar 15
4	Bar 6	18	Bar 34	32	Bar 62	46	Bar 41	60	Bar 13
5	Bar 8	19	Bar 36	33	Bar 64	47	Bar 39	61	Bar 11
6	Bar 10	20	Bar 38	34	Backplane	48	Bar 37	62	Bar 9
7	Bar 12	21	Bar 40	35	Bar 63	49	Bar 35	63	Bar 7
8	Bar 14	22	Bar 42	36	Bar 61	50	Bar 33	64	Bar 5
9	Bar 16	23	Bar 44	37	Bar 59	51	Bar 31	65	Bar 3
10	Bar 18	24	Bar 46	38	Bar 57	52	Bar 29	66	Bar 1
11	Bar 20	25	Bar 48	39	Bar 55	53	Bar 27		
12	Bar 22	26	Bar 50	40	Bar 53	54	Bar 25		
13	Bar 24	27	Bar 52	41	Bar 51	55	Bar 23		
14	Bar 26	28	Bar 54	42	Bar 49	56	Bar 21		

## MODEL 3986, Pin Terminals



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Bar 7	14	2D	27	Bar 42	40	Bar 29	53	Bar 19
2	Bar 6	15	2C	28	Bar 41	41	Bar 28	54	Bar 18
3	Bar 5	16	2B	29	Bar 40	42	Bar 27	55	Bar 17
4	Bar 4	17	1A	30	Bar 39	43	Bar 26	56	Bar 16
5	Bar 3	18	1F	31	Bar 38	44	Bar 25	57	Bar 15
6	Bar 2	19	1G	32	Bar 37	45	N/C	58	Bar 14
7	Bar 1	20	1E	33	Bar 36	46	Bar 24	59	Bar 13
8	Backplane	21	1D	34	Bar 35	47	Bar 23	60	Bar 12
9	Backplane	22	1C	35	Bar 34	48	N/C	61	Bar 11
10	2A	23	1B	36	Bar 33	49	Bar 22	62	Bar 10
11	2F	24	Backplane	37	Bar 32	50	Bar 21	63	Bar 9
12	2G	25	Backplane	38	Bar 31	51	N/C	64	Bar 8
13	2E	26	Bar 43	39	Bar 30	52	Bar 20		

## MODEL 3992, Pin Terminals



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	35

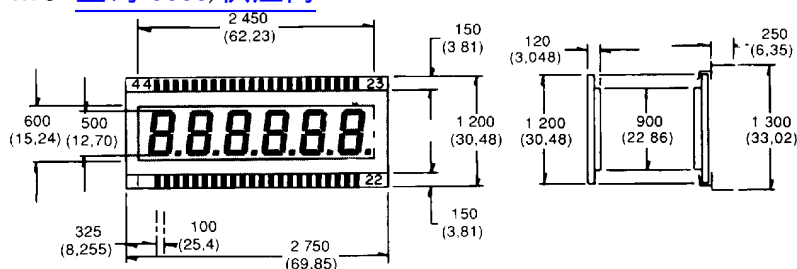
Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	Box 16	10	Box 28	19	Box 11	28	Box 3
2	Box 21	11	Box 33	20	Box 6	29	Box 19
3	Box 26	12	Box 24	21	Box 1	30	Box 14
4	Box 31	13	Box 29	22	Box 17	31	Box 9
5	Box 22	14	Box 34	23	Box 12	32	Box 4
6	Box 27	15	Box 20	24	Box 7	33	Box 15
7	Box 32	16	Box 25	25	Box 2	34	Box 10
8	Box 18	17	Box 30	26	Box 13	35	Box 5
9	Box 23	18	Box 35	27	Box 8	36	Backplane



50E D ■ 8584748 0000074 047 ■ HAM

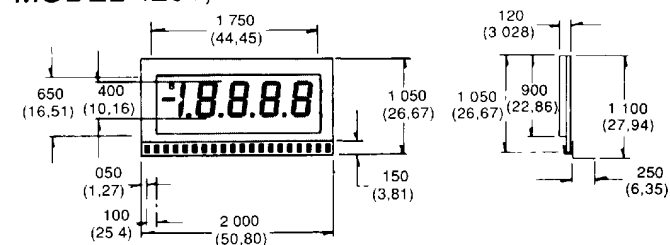
Standish LCD

MODEL 4200, Pins or Elastomeric



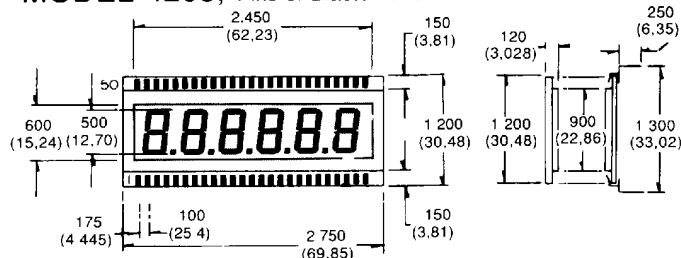
CONT#	BP 1	BP 2	BP 3	BP 4	CONT#	BP 1	BP 2	BP 3	BP 4
1	—	—	—	BP 4	23	—	BP 2	—	—
2	—	—	—	BP 4	24	—	BP 2	—	—
3	6F	6G	6E	6D	25	N/C	N/C	N/C	N/C
4	6A	6B	6C	6D	26	N/C	N/C	N/C	N/C
5	N/C	N/C	N/C	N/C	27	N/C	N/C	N/C	N/C
6	5F	5G	5E	5D	28	N/C	N/C	N/C	N/C
7	5A	5B	5C	5D	29	N/C	N/C	N/C	N/C
8	N/C	N/C	N/C	N/C	30	N/C	N/C	N/C	N/C
9	4F	4G	4E	4D	31	N/C	N/C	N/C	N/C
10	4A	4B	4C	4D	32	N/C	N/C	N/C	N/C
11	N/C	N/C	N/C	N/C	33	N/C	N/C	N/C	N/C
12	3F	3G	3E	3D	34	N/C	N/C	N/C	N/C
13	3A	3B	3C	3D	35	N/C	N/C	N/C	N/C
14	N/C	N/C	N/C	N/C	36	N/C	N/C	N/C	N/C
15	2F	2G	2E	2D	37	N/C	N/C	N/C	N/C
16	2A	2B	2C	2D	38	N/C	N/C	N/C	N/C
17	N/C	N/C	N/C	N/C	39	N/C	N/C	N/C	N/C
18	N/C	N/C	N/C	N/C	40	N/C	N/C	N/C	N/C
19	1F	1G	1E	1D	41	N/C	N/C	N/C	N/C
20	1A	1B	1C	1D	42	N/C	N/C	N/C	N/C
21	—	—	BP 3	—	43	BP 1	—	—	—
22	—	—	BP 3	—	44	BP 1	—	—	—

MODEL 4201, Pin Terminals



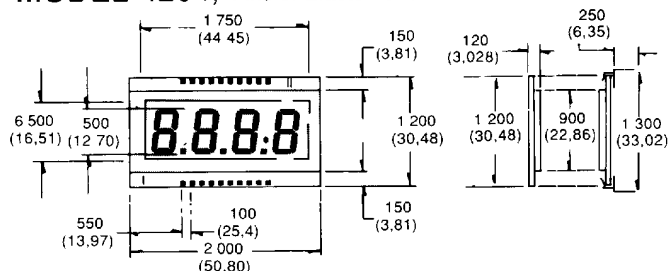
CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	BP 1	—	—	11	3B	3C	Minus Sign
2	—	—	BP 3	12	2F	2E	DP 2
3	N/C	N/C	N/C	13	2A	2G	2D
4	N/C	N/C	N/C	14	2B	2C	"B"
5	N/C	N/C	N/C	15	1F	1E	DP 1
6	4F	4E	4D	16	1A	1G	1D
7	4A	4G	4D	17	1B	1C	—
8	4B	4C	Half Digit	18	N/C	N/C	N/C
9	3F	3E	DP 3	19	—	—	BP 3
10	3A	3G	3D	20	—	BP 2	—

MODEL 4203, Pins or Elastomeric



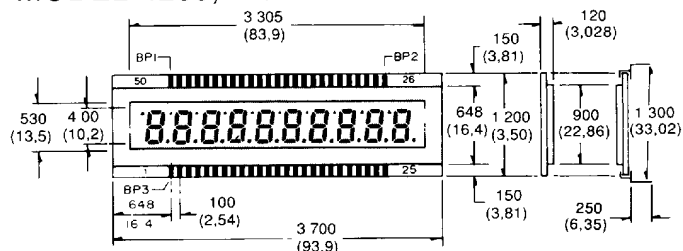
CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	—	BP 2	—	18	2A	2G	2D	35	3B	3C	DP 2
2	—	BP 2	—	19	N/C	N/C	N/C	36	N/C	N/C	N/C
3	6F	6E	—	20	N/C	N/C	N/C	37	N/C	N/C	N/C
4	6A	6G	6D	21	1F	1E	—	38	N/C	N/C	N/C
5	N/C	N/C	N/C	22	1A	1G	1D	39	4B	4C	DP 3
6	5F	5E	—	23	N/C	N/C	N/C	40	N/C	N/C	N/C
7	5A	5G	5D	24	—	—	BP 3	41	N/C	N/C	N/C
8	N/C	N/C	N/C	25	—	—	BP 3	42	N/C	N/C	N/C
9	4F	4E	—	26	—	—	BP 3	43	5B	5C	DP 4
10	4A	4G	4D	27	—	—	BP 3	44	N/C	N/C	N/C
11	N/C	N/C	N/C	28	1B	1C	—	45	N/C	N/C	N/C
12	N/C	N/C	N/C	29	N/C	N/C	N/C	46	N/C	N/C	N/C
13	3F	3E	—	30	N/C	N/C	N/C	47	6B	6C	DP 5
14	3A	3G	3D	31	2B	2C	DP 1	48	N/C	N/C	N/C
15	N/C	N/C	N/C	32	N/C	N/C	N/C	49	BP 1	—	—
16	N/C	N/C	N/C	33	N/C	N/C	N/C	50	BP 1	—	—
17	2F	2E	—	34	N/C	N/C	N/C				

MODEL 4204, Pins or Elastomeric



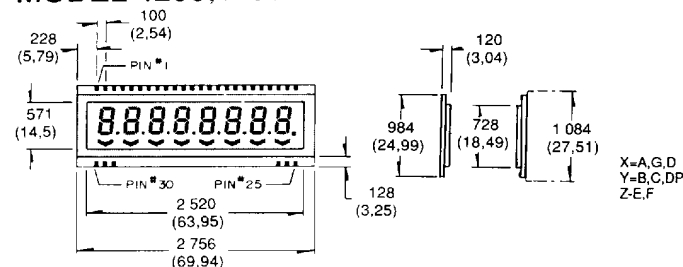
CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	N/C	N/C	N/C	11	BP 1	—	—
2	N/C	N/C	N/C	12	1A	1G	1D
3	N/C	N/C	N/C	13	1F	1E	—
4	4B	4C	DP 3	14	2A	2G	2D
5	N/C	N/C	N/C	15	2F	2E	—
6	3B	3C	DP 2	16	3A	3G	3D
7	1B	1C	—	17	3F	3E	—
8	—	—	BP 3	18	4A	4G	4D
9	N/C	N/C	N/C	19	4F	4E	—
10	N/C	N/C	N/C	20	—	BP 2	—

MODEL 4205, Pins or Elastomeric



CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	—	—	BP 3	18	4A	4G	4D	35	5B	5C	5DP
2	10T	10F	10E	19	N/C	N/C	N/C	36	5A	5G	5D
3	9T	9F	9E	20	3T	3F	3E	37	N/C	N/C	N/C
4	8T	8F	8E	21	3A	3G	3D	38	6B	6C	6DP
5	8A	8G	8D	22	N/C	N/C	N/C	39	6A	6G	6D
6	N/C	N/C	N/C	23	2T	2F	2E	40	N/C	N/C	N/C
7	N/C	N/C	N/C	24	1T	1F	1E	41	7B	7C	7DP
8	7T	7F	7E	25	1A	1G	1D	42	N/C	N/C	N/C
9	7A	7G	7D	26	—	—	BP 2	43	N/C	N/C	N/C
10	N/C	N/C	N/C	27	1B	1C	1DP	44	8B	8C	8DP
11	6T	6F	6E	28	2B	2C	2DP	45	N/C	N/C	N/C
12	N/C	N/C	N/C	29	2A	2G	2D	46	9B	9C	9DP
13	N/C	N/C	N/C	30	3B	3C	3DP	47	9A	9G	9D
14	N/C	N/C	N/C	31	N/C	N/C	N/C	48	10B	10C	10DP
15	5T	5F	5E	32	N/C	N/C	N/C	49	10A	10G	10D
16	N/C	N/C	N/C	33	4B	4C	4DP	50	BP 1	—	—
17	4T	4F	4E	34	N/C	N/C	N/C				

MODEL 4206, Pins or Elastomeric



Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Z1	X1	Z2	AN-2	X2	Y2	AN-3	X3	Y3	AN-4	X4	Y4	AN-5	X5	Y5
	AN-1	X6	Y6	AN-7	X7	Y7	AN-8	X8	Y8	BP 1	BP 2	BP 3	BP 3	BP 2	BP 1



STANDISH/STANDISH L C D

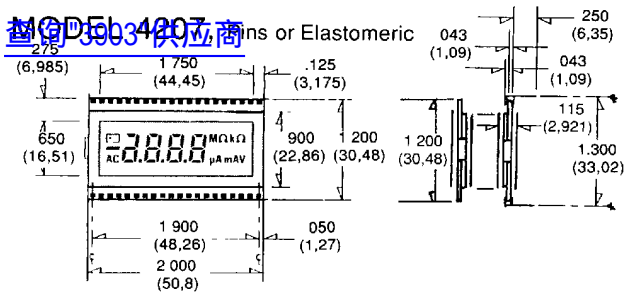
Multiplex LCDs

Standish LCD

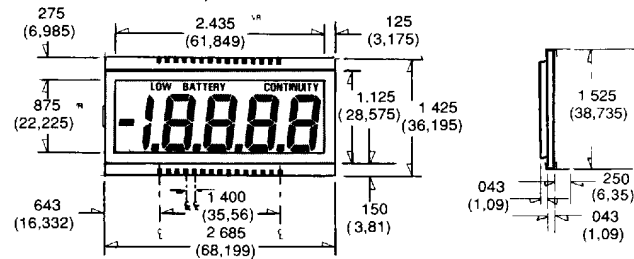
50E D

8584748 0000075 T83 HAM

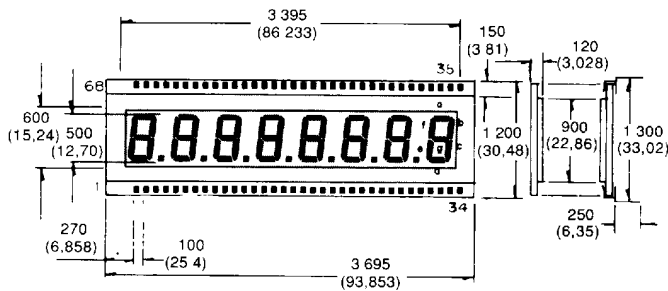
MODEL 4207, Pins or Elastomeric



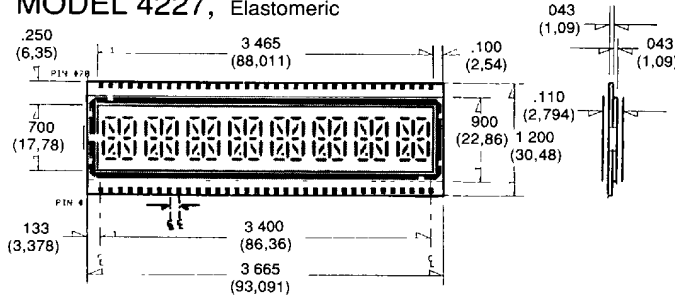
MODEL 4209, Pin Terminals



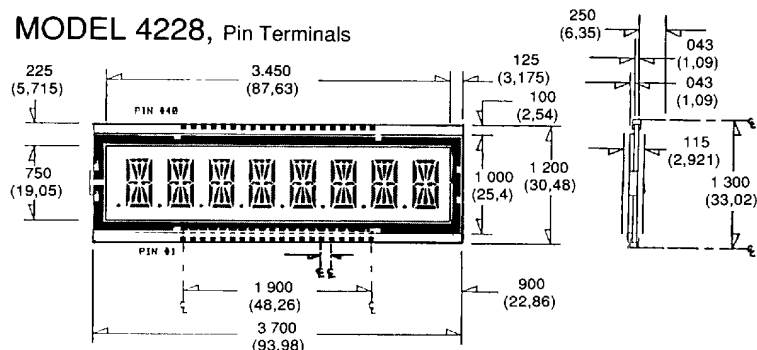
MODEL 4216, Pins or Elastomeric



MODEL 4227, Elastomeric



MODEL 4228, Pin Terminals



CONT#	BP 1	BP 2	CONT#	BP 1	BP 2	CONT#	BP 1	BP 2	CONT#	BP 1	BP 2
1	—	—	11	N/C	N/C	21	BP 1	—	31	2A	2C
2	Minus	AC	12	1G	1E	22	N/C	N/C	32	2A	—
3	N/C	N/C	13	—	1D	23	Ω	A	33	2F	DP 2
4	3G	3E	14	N/C	N/C	24	k	m	34	3B	3C
5	—	3D	15	—	V	25	MΩ	μA	35	3A	—
6	N/C	N/C	16	N/C	N/C	26	N/C	N/C	36	3F	DP 3
7	N/C	N/C	17	N/C	N/C	27	1B	1C	37	4B	4C
8	2G	2E	18	N/C	N/C	28	1A	—	38	4A,D,G	4E
9	—	2D	19	N/C	N/C	29	N/C	N/C	39	Batt	—
10	N/C	N/C	20	—	BP 2	30	1F	DP 1	40	BP 1	—

CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	4F	4E	DP 4	9	2B	2C	Low Battery
2	4A	4G	4D	10	1F	1E	DP 1
3	4B	4C	Halt Digit	11	1A	1G	1D
4	3F	3E	DP 3	12	1B	1C	Continuity
5	3A	3G	3D	13	—	—	BP 3
6	3B	3C	Minus	14	—	—	BP 2
7	2F	2E	DP 2	15	BP 1	—	—
8	2A	2G	2D	—	—	—	—

NOTE TOP ROW OF PINS FOR MECHANICAL SUPPORT ONLY

CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	—	—	BP 3	26	—	2F	2E	51	N/C	N/C	N/C
2	—	8F	8E	27	2A	2G	2D	52	N/C	N/C	N/C
3	N/C	N/C	N/C	28	N/C	N/C	N/C	53	5B	5C	DP 4
4	—	7F	7E	29	N/C	N/C	N/C	54	N/C	N/C	N/C
5	7A	7G	7D	30	—	1F	1E	55	N/C	N/C	N/C
6	N/C	N/C	N/C	31	1A	1G	1D	56	N/C	N/C	N/C
7	N/C	N/C	N/C	32	1B	1C	—	57	6B	6C	DP 5
8	N/C	N/C	N/C	33	N/C	N/C	N/C	58	N/C	N/C	N/C
9	—	6F	6E	34	BP 1	—	—	59	N/C	N/C	N/C
10	6A	6G	6D	35	BP 1	—	—	60	N/C	N/C	N/C
11	N/C	N/C	N/C	36	N/C	N/C	N/C	61	7B	7C	DP 6
12	N/C	N/C	N/C	37	N/C	N/C	N/C	62	N/C	N/C	N/C
13	—	5F	5E	38	N/C	N/C	N/C	63	N/C	N/C	N/C
14	5A	5G	5D	39	N/C	N/C	N/C	64	N/C	N/C	N/C
15	N/C	N/C	N/C	40	2B	2C	DP 1	65	N/C	N/C	N/C
16	N/C	N/C	N/C	41	N/C	N/C	N/C	66	8B	8C	DP 7
17	—	4F	4E	42	N/C	N/C	N/C	67	8A	8G	8D
18	4A	4G	4D	43	N/C	N/C	N/C	68	—	BP 2	—
19	N/C	N/C	N/C	44	3B	3C	DP 2	—	—	—	—
20	N/C	N/C	N/C	45	N/C	N/C	N/C	—	—	—	—
21	N/C	N/C	N/C	46	N/C	N/C	N/C	—	—	—	—
22	—	3F	3E	47	N/C	N/C	N/C	—	—	—	—
23	3A	3G	3D	48	4B	4C	DP 3	—	—	—	—
24	N/C	N/C	N/C	49	N/C	N/C	N/C	—	—	—	—
25	N/C	N/C	N/C	50	N/C	N/C	N/C	—	—	—	—

CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3	CONT#	BP 1	BP 2	BP 3
1	—	—	BP 3	26	N/C	N/C	N/C	51	4L	4N	4I
2	N/C	N/C	N/C	27	2G	2F	2P	52	4H	4K	4J
3	8G	8F	8P	28	—	DP 2	2E	53	N/C	N/C	N/C
4	—	DP 8	8E	29	2B	2C	2D	54	5A	5M	5J
5	8B	8C	8D	30	N/C	N/C	N/C	55	5L	5O	5N
6	N/C	N/C	N/C	31	1G	1F	1P	56	5H	5K	5I
7	7G	7F	7P	32	—	DP 1	1E	57	N/C	N/C	N/C
8	—	DP 7	7E	33	1B	1C	1D	58	6A	6M	6J
9	7B	7C	7D	34	—	—	BP 3	59	6L	6O	6N
10	N/C	N/C	N/C	35	—	BP 2	—	60	6H	6K	6I
11	6G	6F	6P	36	BP 1	—	—	61	N/C	N/C	N/C
12	—	DP 6	6E	37	N/C	N/C	N/C	62	7A	7M	7J
13	6B	6C	6D	38	1A	1M	1J	63	7L	7O	7I
14	N/C	N/C	N/C	39	1L	1O	1N	64	7H	7K	7I
15	5G	5F	5P	40	1H	1K	1I	65	N/C	N/C	N/C
16	—	DP 5	5E	41	N/C	N/C	N/C	66	8A	8M	8J
17	5B	5C	5D	42	2A	2M	2J	67	8L	8O	8N
18	N/C	N/C	N/C	43	2L	2O	2N	68	8H	8K	8I
19	4G	4F	4P	44	2H	2K	2I	69	BP 1	—	—
20	—	DP 4	4E	45	N/C	N/C	N/C	70	—	BP 2	—
21	4B	4C	4D	46	3A	3M	3J	—	—	—	—
22	N/C	N/C	N/C	47	3L	3O	3N	—	—	—	—
23	3G	3F	3P	48	3H	3K	3I	—	—	—	—
24	—	DP 3	3E	49	N/C	N/C	N/C	—	—	—	—
25	3B	3C	3D	50	4A	4M	4J	—	—	—	—

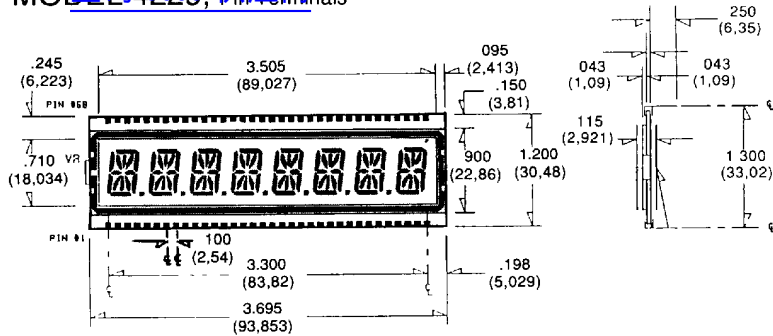
CONT#	BP 1	BP 2	BP 3	BP 4	CONT#	BP 1	BP 2	BP 3	BP 4
1	—	—	BP 3	—	21	BP 1	—	—	—
2	—	8F	8E	8D	22	1A	1B	1C	DP 1
3	8J	8K	8H	8L	23	1I	1G	1N	1M
4	—	7F	7E	7D	24	2A	2B	2C	DP 2
5	7J	7K	7H	7L	25	2I	2G	2N	2M
6	—	6F	6E	6D	26	3A	3B	3C	DP 3
7	6J	6K	6H	6L	27	3I	3G	3N	3M
8	—	5F	5E	5D	28	4A	4B	4C	DP 4
9	5J	5K	5H	5L	29	N/C	N/C	N/C	N/C
10	—	4F	4E	4D	30	4I	4G	4N	4M
11	N/C	N/C	N/C	N/C	31	N/C	N/C	N/C	N/C
12	4J	4K	4H	4L	32	5A	5B	5C	DP 5
13	N/C	N/C	N/C	N/C	33	5I	5G	5N	5M
14	—	3F	3E	3D	34	6A	6B	6C	DP 6
15	3J	3K	3H	3L	35	6I	6G	6N	6M
16	—	2F	2E	2D	36	7A	7B	7C	DP 7
17	2J	2K	2H	2L	37	7I	7G	7N	7M
18	—	1F	1E	1D	38	8A	8B	8C	DP 8
19	1J	1K	1H	1L	39	8I	8G	8N	8M
20	—	—	—	BP 4	40	—	BP 2	—	—



50E D ■ 8584748 0000076 91T ■ HAM

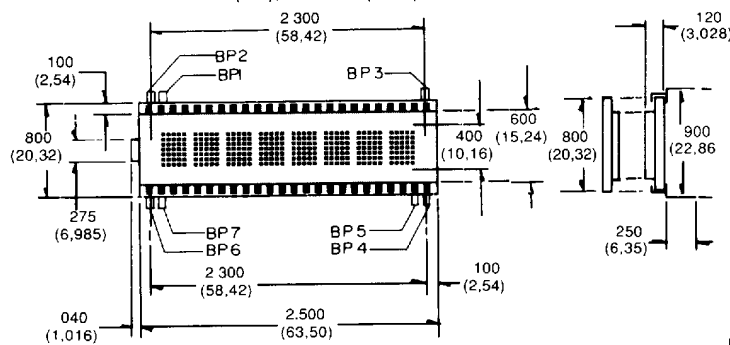
Standish LCD

MODEL 4229, Pin terminals



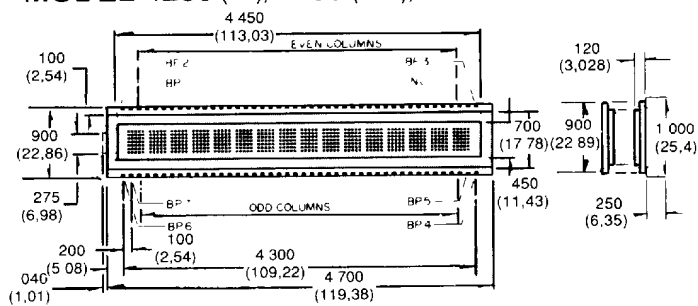
Pin No.	BP 1	BP 2	BP 3	BP 4	Pin No.	BP 1	BP 2	BP 3	BP 4
1	N/C	N/C	N/C	N/C	35	Backplane	Backplane	Backplane	Backplane
2	N/C	N/C	N/C	N/C	36	1A	1B	1C	1D
3	N/C	N/C	N/C	N/C	37	N/C	N/C	N/C	N/C
4	N/C	8F	8E	8D	38	1H	1G	1P	1N
5	N/C	N/C	N/C	N/C	39	N/C	N/C	N/C	N/C
6	N/C	8K	8L	8M	40	2A	2B	2C	2D
7	N/C	N/C	N/C	N/C	41	N/C	N/C	N/C	N/C
8	N/C	7F	7E	7D	42	2H	2G	2P	2N
9	N/C	N/C	N/C	N/C	43	N/C	N/C	N/C	N/C
10	7J	7K	7L	7M	44	3A	3B	3C	3D
11	N/C	N/C	N/C	N/C	45	N/C	N/C	N/C	N/C
12	N/C	6F	6E	6D	46	3H	3G	3P	3N
13	N/C	N/C	N/C	N/C	47	N/C	N/C	N/C	N/C
14	6J	6K	6L	6M	48	4A	4B	4C	4D
15	N/C	N/C	N/C	N/C	49	N/C	N/C	N/C	N/C
16	N/C	5F	5E	5D	50	4H	4G	4P	4N
17	N/C	N/C	N/C	N/C	51	N/C	N/C	N/C	N/C
18	5J	5K	5L	5M	52	5A	5B	5C	5D
19	N/C	N/C	N/C	N/C	53	N/C	N/C	N/C	N/C
20	N/C	4F	4E	4D	54	5H	5G	5P	5N
21	N/C	N/C	N/C	N/C	55	N/C	N/C	N/C	N/C
22	4J	4K	4L	4M	56	6A	6B	6C	6D
23	N/C	N/C	N/C	N/C	57	N/C	N/C	N/C	N/C
24	N/C	3F	3E	3D	58	6H	6G	6P	6N
25	N/C	N/C	N/C	N/C	59	N/C	N/C	N/C	N/C
26	3J	3K	3L	3M	60	7A	7B	7C	7D
27	N/C	N/C	N/C	N/C	61	N/C	N/C	N/C	N/C
28	N/C	2F	2E	2D	62	7H	7G	7P	7N
29	N/C	N/C	N/C	N/C	63	N/C	N/C	N/C	N/C
30	2J	2K	2L	2M	64	8A	8B	8C	8D
31	N/C	N/C	N/C	N/C	65	N/C	N/C	N/C	N/C
32	N/C	1F	1E	1D	66	8H	8G	8P	8N
33	1J	1K	1L	1M	67	N/C	N/C	N/C	N/C
34	Backplane	Backplane	Backplane	Backplane	68	Backplane	Backplane	Backplane	Backplane

MODEL 4284 (TN), 4264 (STN), Pins or Elastomeric



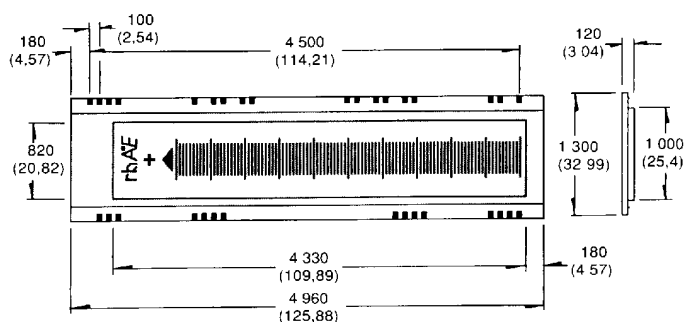
Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	ROW 6	11	COL 17	21	COL 37	31	N/C	41	COL 12
2	ROW 7	12	COL 19	22	COL 39	32	COL 30	42	COL 10
3	COL 1	13	COL 21	23	ROW 5	33	COL 28	43	COL 8
4	COL 3	14	COL 23	24	ROW 4	34	COL 26	44	COL 6
5	COL 5	15	COL 25	25	ROW 3	35	COL 24	45	COL 4
6	COL 7	16	COL 27	26	COL 40	36	COL 22	46	COL 2
7	COL 9	17	COL 29	27	COL 38	37	COL 20	47	ROW 1
8	COL 11	18	COL 31	28	COL 36	38	COL 18	48	ROW 2
9	COL 13	19	COL 33	29	COL 34	39	COL 16		
10	COL 15	20	COL 35	30	COL 32	40	COL 14		

MODEL 4285 (TN), 4265 (STN), Pins or Elastomeric



Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment	Pin No.	Segment
1	ROW 6	19	COL 33	37	COL 69	55	COL 64	73	COL 28
2	ROW 7	20	COL 35	38	COL 71	56	COL 62	74	COL 26
3	COL 1	21	COL 37	39	COL 73	57	COL 60	75	COL 24
4	COL 3	22	COL 39	40	COL 75	58	COL 58	76	COL 22
5	COL 5	23	COL 41	41	COL 77	59	COL 56	77	COL 20
6	COL 7	24	COL 43	42	COL 79	60	COL 54	78	COL 18
7	COL 9	25	COL 45	43	ROW 5	61	COL 52	79	COL 16
8	COL 11	26	COL 47	44	ROW 4	62	COL 50	80	COL 14
9	COL 13	27	COL 49	45	ROW 3	63	COL 48	81	COL 12
10	COL 15	28	COL 51	46	N/C	64	COL 46	82	COL 10
11	COL 17	29	COL 53	47	COL 80	65	COL 44	83	COL 8
12	COL 19	30	COL 55	48	COL 78	66	COL 42	84	COL 6
13	COL 21	31	COL 57	49	COL 76	67	COL 40	85	COL 4
14	COL 23	32	COL 59	50	COL 74	68	COL 38	86	COL 2
15	COL 25	33	COL 61	51	COL 72	69	COL 36	87	ROW 1
16	COL 27	34	COL 63	52	COL 70	70	COL 34	88	ROW 2
17	COL 29	35	COL 65	53	COL 68	71	COL 32		
18	COL 31	36	COL 67	54	COL 66	72	COL 30		

MODEL 4464, Elastomeric (INTERSIL 7182)



CONT#	BP 1	BP 2	BP 3	BP 4	BP 5	BP 6	BP 7	BP 8	BP 9	BP 10	BP 11	BP 12	BP 13	BP 14
1	degree sign	—	—	—	—	—	—	—	—	—	—	—	—	—
2	Rt of A	—	—	—	—	—	—	—	—	—	—	—	—	—
3	Lt of A	—	—	—	—	—	—	—	—	—	—	—	—	—
4	Lt of H	—	—	—	—	—	—	—	—	—	—	—	—	—
5	K	—	—	—	—	—	—	—	—	—	—	—	—	—
6	M	—	—	—	—	—	—	—	—	—	—	—	—	—
7	plus sign	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	Bar13	Bar14	Bar29	Bar30	Bar45	Bar46	Bar61	Bar62	Bar77	Bar78	Bar93	Bar94	
9	—	Bar12	Bar15	Bar28	Bar31	Bar44	Bar47	Bar60	Bar63	Bar76	Bar79	Bar92	Bar95	
10	—	Bar11	Bar16	Bar27	Bar32	Bar43	Bar48	Bar59	Bar64	Bar75	Bar80	Bar91	Bar96	
11	—	Bar10	Bar17	Bar26	Bar33	Bar42	Bar49	Bar58	Bar65	Bar74	Bar81	Bar90	Bar97	
12	—	Bar9	Bar18	Bar25	Bar34	Bar41	Bar50	Bar57	Bar66	Bar73	Bar82	Bar89	Bar98	
13	—	Bar8	Bar19	Bar24	Bar35	Bar40	Bar51	Bar56	Bar67	Bar72	Bar83	Bar88	Bar99	
14	—	Bar7	Bar20	Bar23	Bar36	Bar39	Bar52	Bar55	Bar68	Bar71	Bar84	Bar87	Bar100	
15	—	Bar6	Bar21	Bar22	Bar37	Bar38	Bar53	Bar54	Bar69	Bar70	Bar85	Bar88	Bar101	
16	BP 14	—	—	—	—	—	—	—	—	—	—	—	—	
17	BP 13	—	—	—	—	—	—	—	—	—	—	—	—	
18	BP 12	—	—	—	—	—	—	—	—	—	—	—	—	
19	BP 11	—	—	—	—	—	—	—	—	—	—	—	—	
20	BP 10	—	—	—	—	—	—	—	—	—	—	—	—	
21	BP 9	—	—	—	—	—	—	—	—	—	—	—	—	
22	BP 8	—	—	—	—	—	—	—	—	—	—	—	—	
23	BP 7	—	—	—	—	—	—	—	—	—	—	—	—	
24	BP 6	—	—	—	—	—	—	—	—	—	—	—	—	
25	BP 5	—	—	—	—	—	—	—	—	—	—	—	—	
26	BP 4	—	—	—	—	—	—	—	—	—	—	—	—	
27	BP 3	—	—	—	—	—	—	—	—	—	—	—	—	
28	BP 2	—	—	—	—	—	—	—	—	—	—	—	—	
29	BP 1	—	—	—	—	—	—	—	—	—	—	—	—	
30	Lt of E	—	—	—	—	—	—	—	—	—	—	—	—	
31	Bot of E	—	—	—	—	—	—	—	—	—	—	—	—	
32	Mid of E	—	—	—	—	—	—	—	—	—	—	—	—	
33	Top of E	—	—	—	—	—	—	—	—	—	—	—	—	