

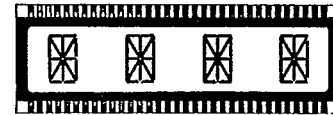
T-41-38

Numeric Displays



Excelix LCD Model #	Digit Height (Inches)	Display Format	Connector	Glass Size (Inches)
3150	0.181	3 1/2 digits, duplex	S.I.L. Elastomer	0.808 x 0.520
3252	0.200	3 1/2 digits, duplex	S.I.L. Elastomer	0.808 x 0.520
6200		6 digits, duplex	D.I.L.	1.500 x 0.600
8200	0.236	8 digits, M/E, triplex	S.I.L. Elastomer	2.090 x 0.690
3250	0.255	3 1/2 digits, direct	D.I.L. Elastomer	0.808 x 0.509
3313	0.300	3 digits, 5 triangles, triplex	D.I.L.	1.200 x 1.000
8300		8 digits, triplex	D.I.L.	2.750 x 1.100
4300	0.315	4 digits, S, bell, direct	D.I.L.	1.457 x 0.709
4320	0.350	4 digits, direct	D.I.L.	2.000 x 0.900
3401	0.400	3 1/2 digits, direct	S.I.L.	2.500 x 1.100
3450		3 1/2 digits, duplex	S.I.L.	1.960 x 0.950
4400		4 digits, AM, PM, S, - bell, direct	D.I.L.	1.960 x 0.950
4451		4 1/2 digits, over-range direct	D.I.L.	2.005 x 1.200
4455		4 1/2 digits, Lobat, direct	D.I.L.	2.000 x 1.200
5400		5 digits, direct	D.I.L.	2.000 x 1.200
3451	0.433	3 1/2 digits, direct	D.I.L.	1.960 x 0.950
3501	0.500	3 1/2 digits, direct	S.I.L.	2.000 x 1.200
3551		3 1/2 digits, over-range, direct	D.I.L.	2.000 x 1.200
3555		3 1/2 digits, Lobat, direct	D.I.L.	2.000 x 1.200
3557		3 1/2 digits, AM, PM, bell, direct	D.I.L.	2.000 x 1.200
4500		4 digits, direct	D.I.L.	2.000 x 1.200
4500(M3)		4 digits, triplex	D.I.L.	2.000 x 1.200
6500		6 digits, direct	D.I.L.	2.750 x 1.200
8500		8 digits, direct	D.I.L.	3.695 x 1.200
3452	0.531	3 1/2 digits, AM, PM, AL, bell, direct	D.I.L.	1.960 x 1.079
3751	0.700	3 1/2 digits, over-range, direct	D.I.L.	2.750 x 1.500
4700		4 digits, direct	D.I.L.	2.750 x 1.500
4707		4 digits, PM, direct	S.I.L. Elastomer	3.250 x 1.250
5700		5 digits, direct	D.I.L.	3.200 x 1.500
6700		6 digits, direct	D.I.L.	3.695 x 1.500
31030	1.000	3 digits, direct	D.I.L.	3.695 x 1.800
31051		3 1/2 digits, over-range direct	D.I.L.	3.695 x 1.800
41000		4 digits, direct	D.I.L.	3.695 x 1.800
41051		4 1/2 digits, over-range, direct	D.I.L.	4.000 x 1.800

Alphanumeric Displays

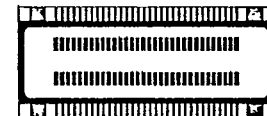


Excelix LCD Model #	Character Height (Inches)	Display Format	Connector	Glass Size (Inches)
4540	0.500	4 characters, direct	D.I.L.	3.500 x 1.150
8540		8 characters, triplex	D.I.L.	3.700 x 1.200
12540		12 characters, triplex	D.I.L.	5.750 x 1.200
16540		16 characters, triplex	D.I.L.	7.250 x 1.200
11040	1.000	1 character, direct	S.I.L.	1.000 x 1.750

Light Valves

Excelix LCD Model #	Window Size (Inches)	Display Format	Connector	Glass Size (Inches)
LV001	0.375 x 0.375	1 square, direct	D.I.L.	0.500 x 0.700
LV002	1.800 x 0.700	2 triangles, direct	D.I.L.	2.000 x 1.100
LV003	1.800 x 0.700	1 rectangle, direct	D.I.L.	2.000 x 1.100
LV00S	0.800 x 0.800	1 square, direct	S.I.L.	1.000 x 1.100
LV004	2.000 x 2.000	1 square, direct	S.I.L.	2.200 x 2.400

Bar Graph Displays



Excelix LCD Model #	Bar Height (Inches)	Display Format	Connector	Glass Size (Inches)
0520	0.156	32 bars x 2 lines, direct	Elastomer	2.750 x 1.200
0620	0.230	9 bars x 2 lines, direct	D.I.L.	1.900 x 1.100
0320	0.300	9 bars x 2 lines, direct	D.I.L.	3.100 x 1.300
01420	1.400	20 bars x 1 line, direct	S.I.L.	5.300 x 1.900

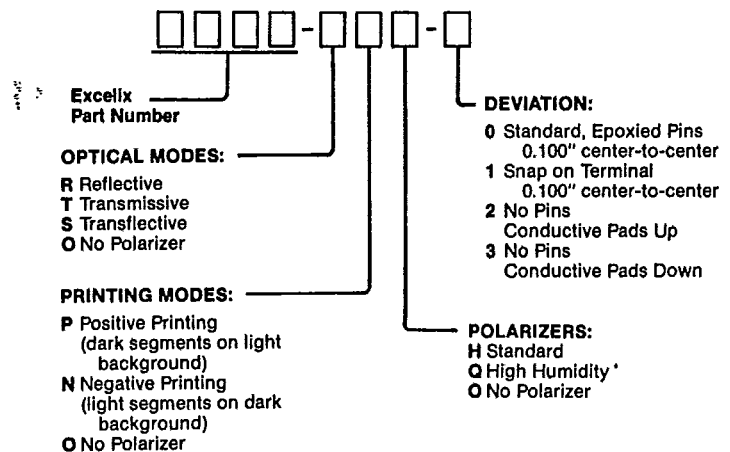
Performance Specifications

PARAMETER	UNITS	MIN.	TYP.	MAX.
Operating Voltage	V	3	5	10
Operating Frequency	Hz	30	60	120
Current*	μA		3	10
Capacitance*	pf		3,000	
DC Resistance*	MΩ	20		
Allowable DC Offset	mV			50
Response Times (25°C)				
Rise to 90% ON	ms		30	50
Decay to 10% OFF	ms		50	100
Contrast Ratio			20:1	
Viewing Angle (at 5V)			±75°	
Operating Temp. Range	°C	-30		85
Storage Temp. Range	°C	-30		85
Estimated Life	hrs.		50,000	

*All Segments ON.

Specifications are for 3 1/2 digit 0.5" DH LCDs.

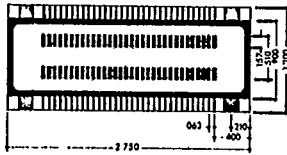
Ordering Information



T-90-20

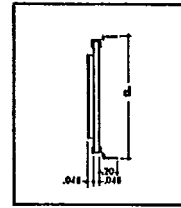
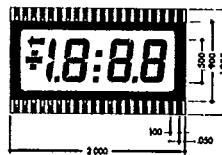
0520

d = N/A



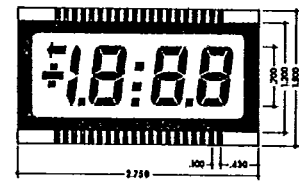
3551

d = 1.25



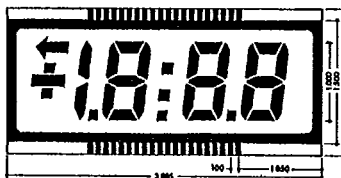
3751

d = 1.55



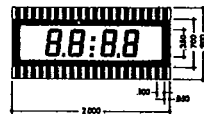
31051

d = 1.85



4320

d = .95



4451

d = 1.25



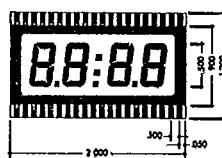
4455

d = 1.25



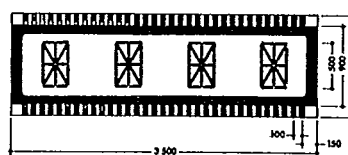
4500

d = 1.25



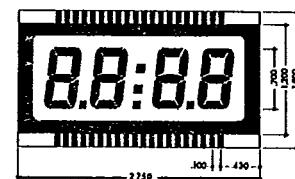
4540

d = 1.20



4700

d = 1.55



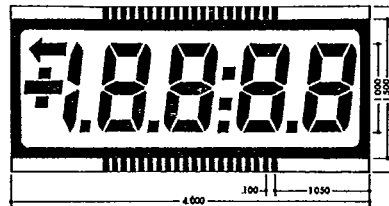
41000

d = 1.85



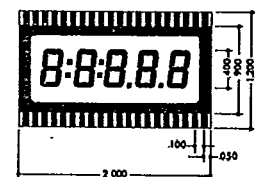
41051

d = 1.85



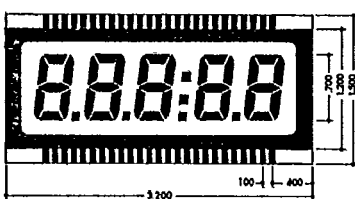
5400

d = 1.25



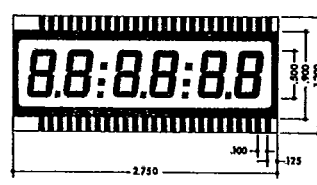
5700

d = 1.55



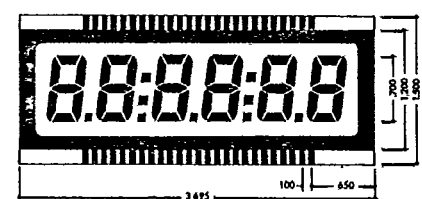
6500

d = 1.25



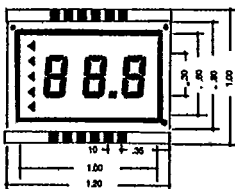
6700

d = 1.55



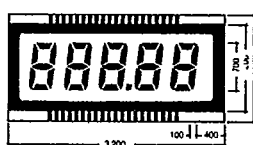
3313

d = 1.05

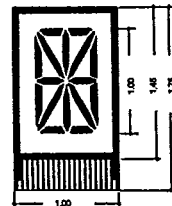


5701

d = 1.55

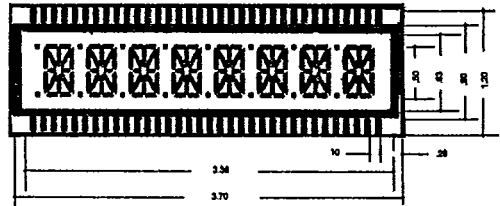


11040



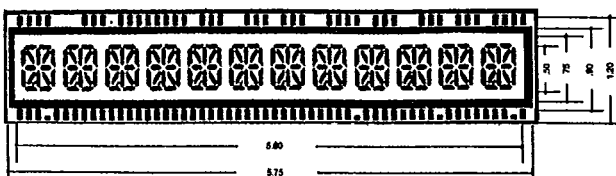
8540

d = 1.25



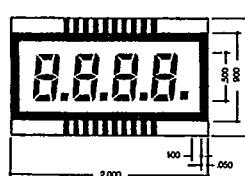
12540

d = 1.25



4500M3

d = 1.25



31030

d = 1.85

