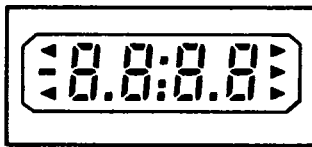


AND

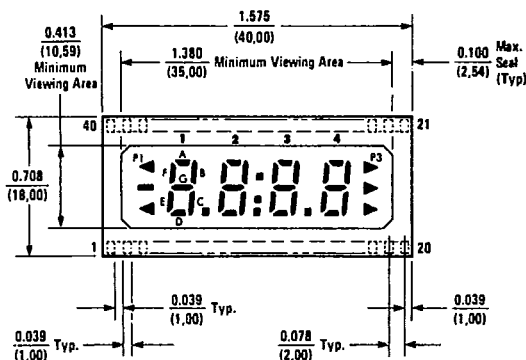
LCD Panel Displays

FE0101/FE0201

T-41-38

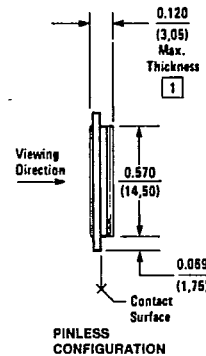


ACTUAL SIZE

**FE0101***

**4 DIGITS,
0.3 inch (7.6 mm) CHARACTER HEIGHT**

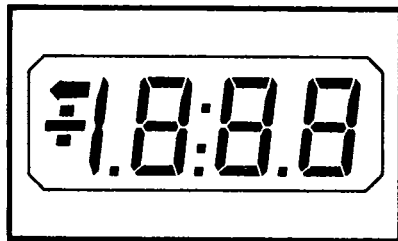
* See page 3-3 for complete part number



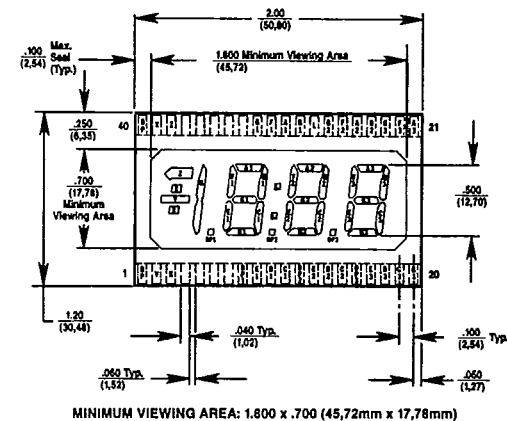
NOTES:

- 1 Maximum thickness includes front and back polarizers plus reflector attached. 2 Dimensions: Inches (mm) 3 Only available in the pinless versions

Pin. No.	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	36	37	38	39	40
Segment	BP	-	P2	E1	D1	C1	dp	E2	D2	C2	dp	E3	D3	C3	dp	E4	D4	C4	P5	P4	P3	B4	A4	F4	G4	B3	A3	F3	G3	COL	B2	A2	F2	G2	B1	A1	F1	G1	P1	BP



ACTUAL SIZE

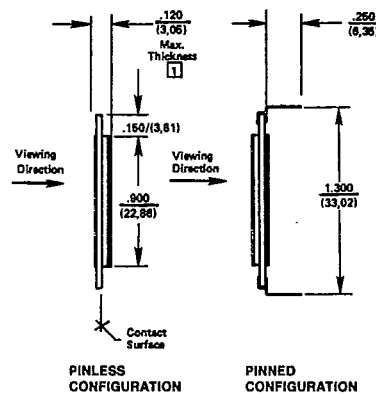


MINIMUM VIEWING AREA: 1.800 x .700 (45.72mm x 17.78mm)

FE0201*

**3 1/2 DIGITS
0.5 inch (12.7mm) CHARACTER HEIGHT**

* See page 3-3 for complete part number



NOTES:

- 1 Maximum thickness includes front and back polarizers plus reflector attached. 2 Dimensions: Inches (mm)

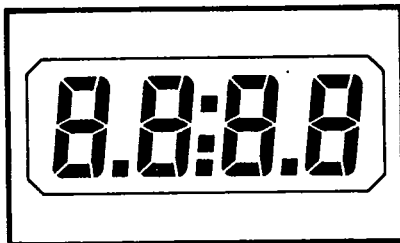
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
Segment	BP	Y	K	N/C	N/C	N/C	N/C	dp1	E1	D1	C1	dp2	E2	D2	C2	dp3	E3	D3	C3	B3	A3	F3	G3	B2	A2	F2	G2	L	B1	A1	F1	G1	N/C	N/C	N/C	N/C	N/C	N/C	Z	X	BP

AND

LCD Panel Displays

FE0202 / FE0203

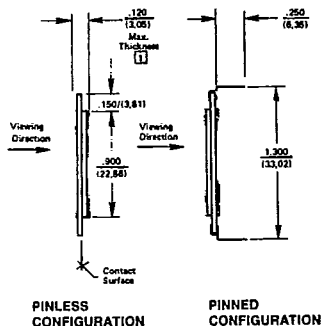
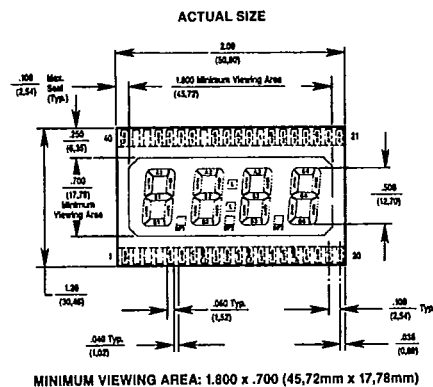
T-41-38



FE0202*

4 DIGITS,
0.5 inch (12.7 mm) CHARACTER HEIGHT

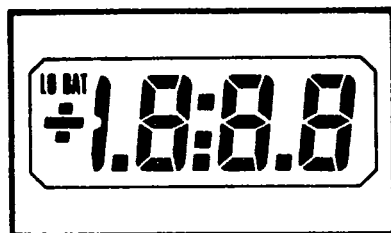
* See page 3-3 for complete part number



NOTES:

- 1 Maximum thickness includes front and back polarizers plus reflector attached.
- 2 Dimensions: Inches (mm)

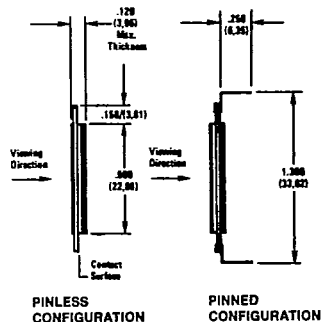
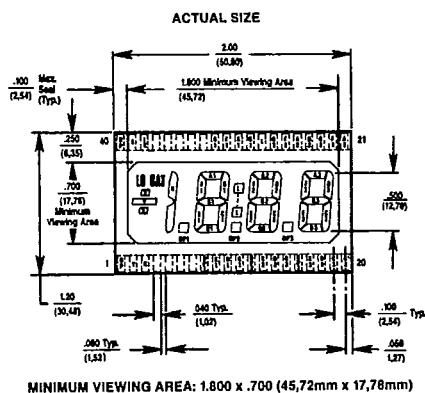
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	N/C	N/C	N/C	E1	D1	C1	dp1	E2	D2	C2	dp2	E3	D3	C3	dp3	E4	D4	C4	B4	A4	F4	G4	B3	A3	F3	G3	L	B2	A2	F2	G2	N/C	B1	A1	F1	G1	N/C	N/C	BP



FE0203*

3½ DIGITS
0.5 inch (12.7mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



NOTES:

- 1 Maximum thickness includes front and back polarizers plus reflector attached.
- 2 Dimensions: Inches (mm)

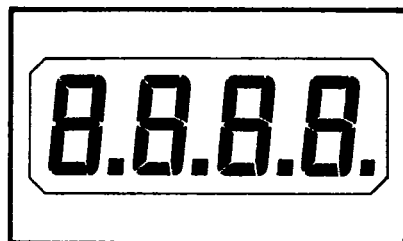
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
Segment	BP	Y	K	N/C	N/C	N/C	N/C	dp1	E1	D1	C1	dp2	E2	D2	C2	dp3	E3	D3	C3	B3	A3	F3	G3	B2	A2	F2	G2	L	B1	A1	F1	G1	N/C	N/C	N/C	N/C	N/C	N/C	LO	X	BP



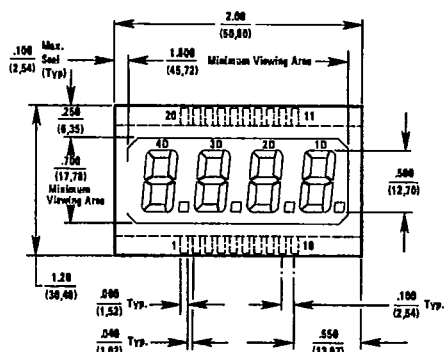
LCD Panel Displays

FE0204M / FE0205

T-41-38



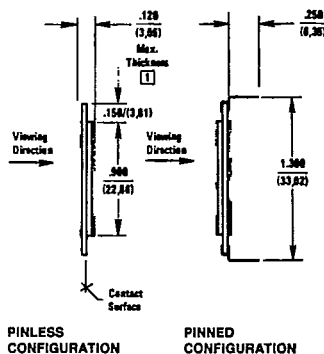
ACTUAL SIZE



FE0204M*

4 DIGITS,
0.5 inch (12.7 mm) CHARACTER HEIGHT

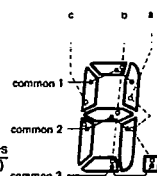
* See page 3-3 for complete part number



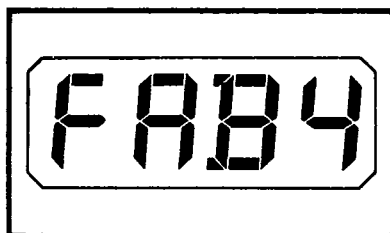
NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

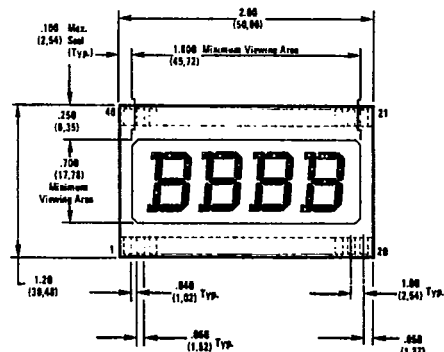
2 Dimensions: Inches (mm)



Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Segment	NC	NC	NC	4D-a	3D-a	2D-a	1D-a	BP3	NC	NC	BP1	1D-b	1D-c	2D-b	2D-c	3D-b	3D-c	4D-b	4D-c	BP2



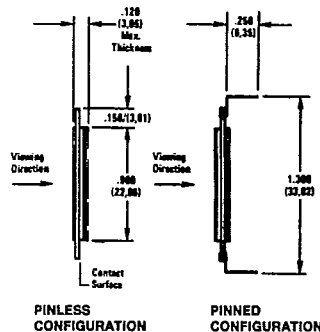
ACTUAL SIZE



FE0205*

4 FULL HEXADECIMAL CHARACTERS
0.5 inch (12.7mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

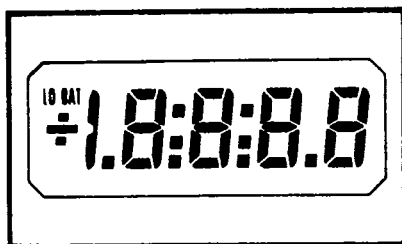
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	T1	E1	D1	C1	T2	E2	D2	C2	N/C	T3	E3	D3	C3	T4	E4	D4	C4	N/C	N/C	N/C	G4	B4	A4	F4	G3	B3	A3	F3	N/C	G2	B2	A2	F2	G1	B1	A1	F1	N/C	BP

AND

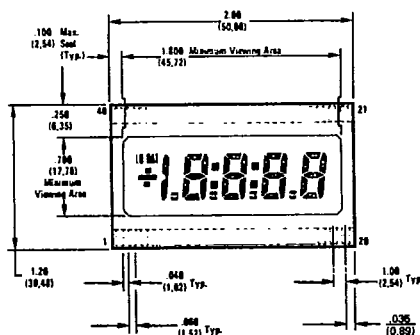
LCD Panel Displays

FE0206/FE0208

T-41-38



ACTUAL SIZE

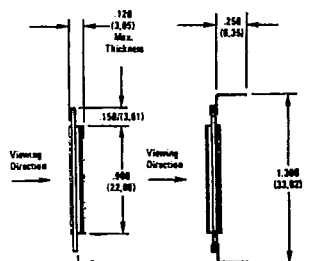


FE0206*

4 1/2 DIGITS,

0.4 inch (10.2 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number

PINLESS
CONFIGURATIONPINNED
CONFIGURATION

NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

Pin. No.	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	36	37	38	39	40
Segment	BP	Y	K	DP1	E1	D1	C1	DP2	E2	D2	C2	DP3	E3	D3	C3	DP4	E4	D4	C4	B4	A4	F4	G4	B3	A3	F3	G3	L2	B2	A2	F2	G2	L1	B1	A1	F1	G1	BAT	X	BP

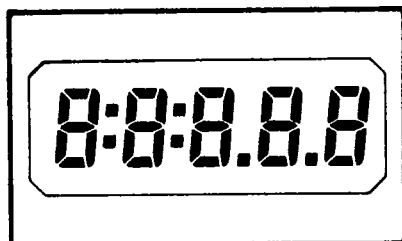


FE0208*

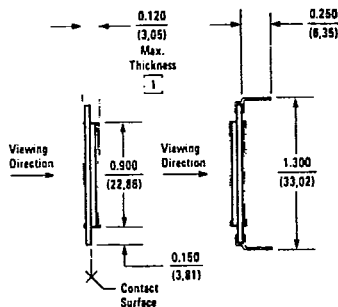
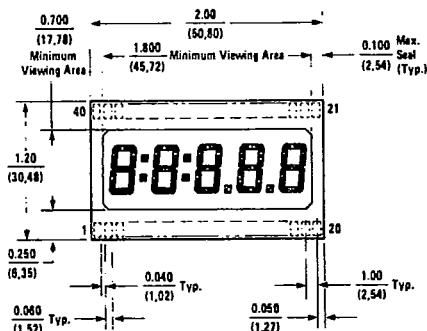
5 DIGITS

0.4 Inch (10.2mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



ACTUAL SIZE

PINLESS
CONFIGURATIONPINNED
CONFIGURATION

NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

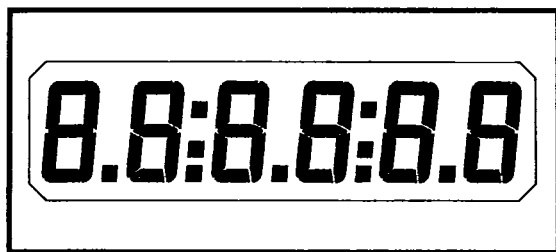
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	G1	E1	D1	C1	E2	D2	C2	E3	D3	C3	DP1	E4	D4	C4	DP2	E5	D5	C5	B5	A5	F5	G5	B4	A4	F4	G4	B3	A3	F3	G3	L2	B2	A2	F2	G2	L1	B1	A1	F1



LCD Panel Displays

FE0401/FE0405

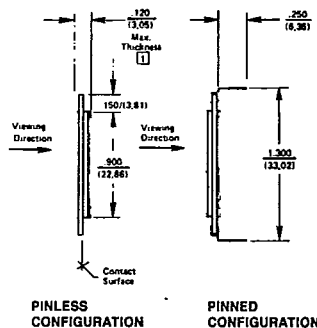
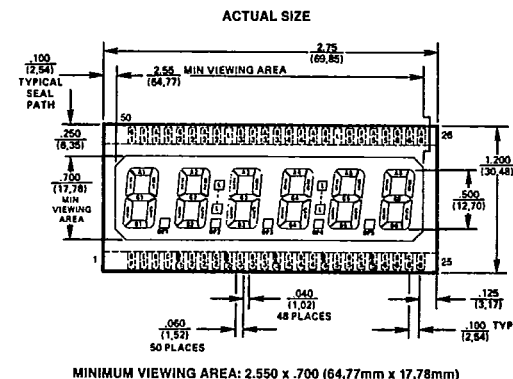
T-41-38



FE0401*

6 DIGITS,
0.5 inch (12.7 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



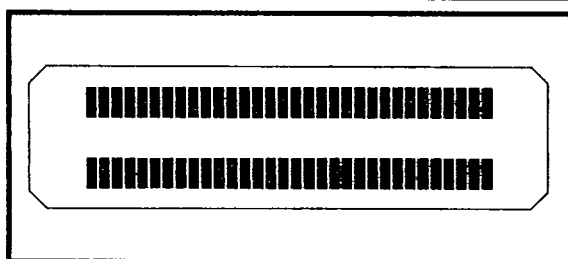
NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

Pin. No.	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	36	37	38	39	40
Segment	BP	E1	D1	C1	dp1	E2	D2	C2	dp2	E3	D3	C3	dp3	E4	D4	C4	dp4	E5	D5	C5	dp5	E6	D6	C6	B6	A6	F6	G6	B5	A5	F5	G5	L	B4	A4	F4	G4	B3	A3	F3

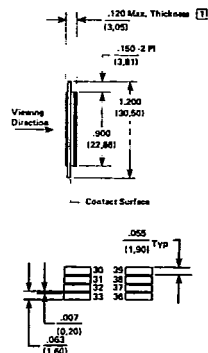
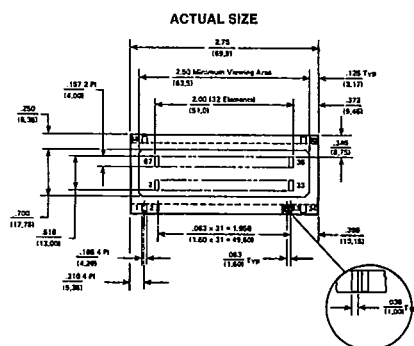
Pin. No.	41	42	43	44	45	46	47	48	49	50
Segment	G3	L	B2	A2	F2	G2	B1	A1	F1	G1



FE0405*

64 POSITION BAR GRAPH
(2 ROWS OF 32 POSITIONS)

* See page 3-3 for complete part number



NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

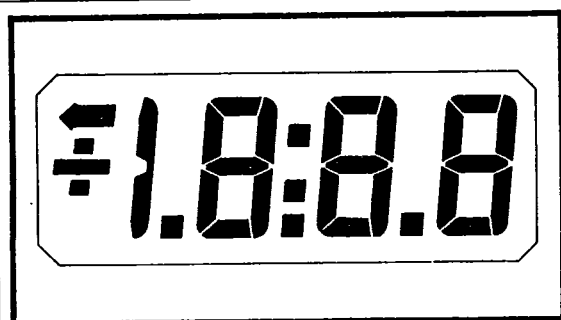
3 Pads 1, 34, 35 and 68 are backplane connections. All four are internally tied together. One or all may be used it is recommended to use at least two.

4 Display orientation is not critical (no specific left of right side).

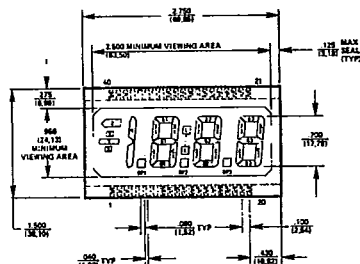
5 Only available in pinless versions.



T-41-38



ACTUAL SIZE

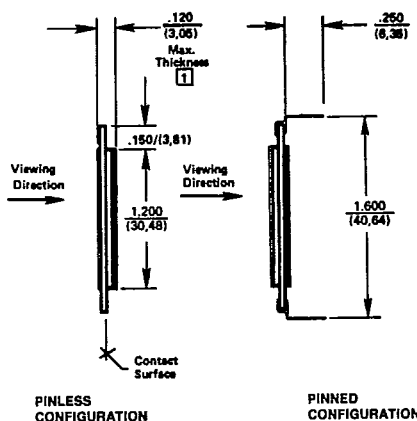


MINIMUM VIEWING AREA: 2.500" x .950" (63.50 mm x 24.13 mm)

FE0501*

3 1/2 DIGITS,
0.7 inch (17.8 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number

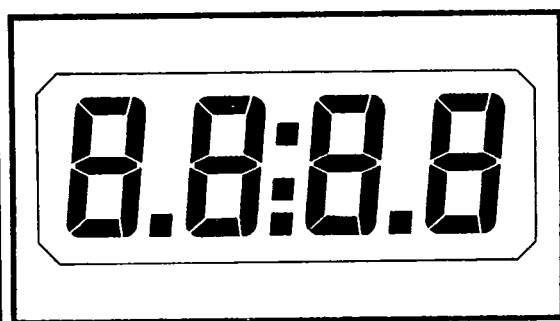


NOTES:

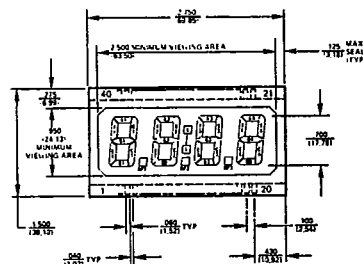
[1] Maximum thickness includes front and back polarizers plus reflector attached.

[2] Dimensions: Inches (mm)

Pin No.	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	36	37	38	39	40	
Segment	BP	Y	K	N/C	N/C	N/C	N/C	dp1	E1	D1	C1	dp2	E2	D2	C2	dp3	E3	D3	C3	B3	A3	F3	G3	B2	A2	F2	G2	L	B1	A1	F1	G1	N/C	N/C	N/C	N/C	N/C	N/C	Z	X	BP



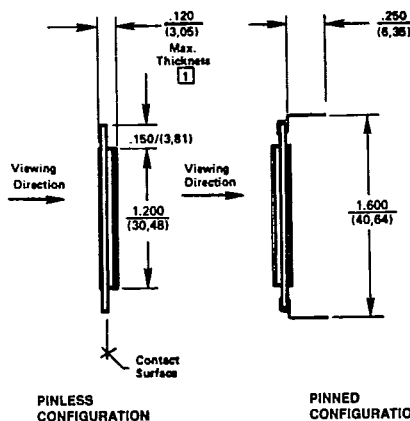
ACTUAL SIZE



FE0502*

4 DIGITS,
0.7 inch (17.8 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



NOTES:

[1] Maximum thickness includes front and back polarizers plus reflector attached.

[2] Dimensions: Inches (mm)

Pin No.	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	36	37	38	39	40
Segment	BP	N/C	N/C	N/C	E1	D1	C1	dp1	E2	D2	C2	dp2	E3	D3	C3	dp3	E4	D4	C4	B4	A4	F4	G4	B3	A3	F3	G3	L	B2	A2	F2	G2	N/C	B1	A1	F1	G1	N/C	N/C	BP

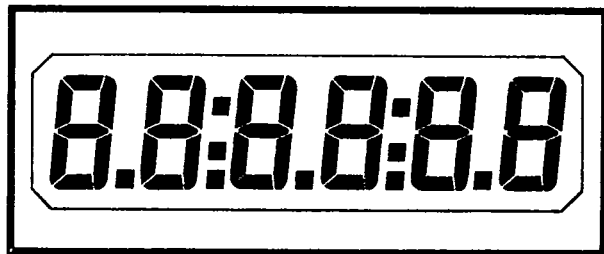


T-4/-38

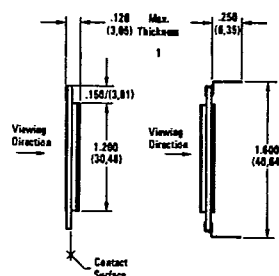
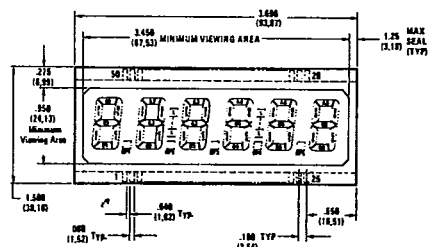
FE0601*

6 DIGITS,
0.7 inch (17.8 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



ACTUAL SIZE

PINLESS
CONFIGURATIONPINNED
CONFIGURATION

NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

Pin. No.	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	36	37	38	39	40
Segment	BP	E1	D1	C1	dp1	E2	D2	C2	dp2	E3	D3	C3	dp3	E4	D4	C4	dp4	E5	D5	C5	dp5	E6	D6	C6	B6	A6	F6	G6	B5	A5	F5	G5	L	B4	A4	F4	G4	B3	A3	F3

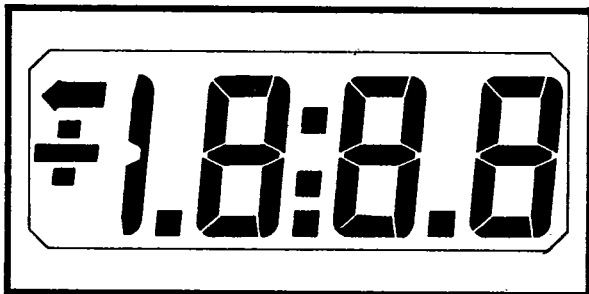
Pin. No.	41	42	43	44	45	46	47	48	49	50
----------	----	----	----	----	----	----	----	----	----	----

Segment	G3	L	B2	A2	F2	G2	B1	A1	F1	G1
---------	----	---	----	----	----	----	----	----	----	----

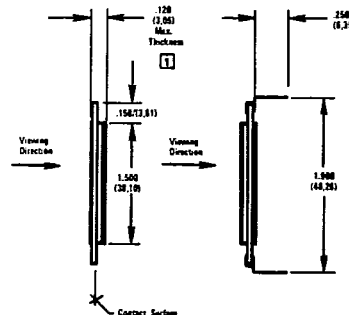
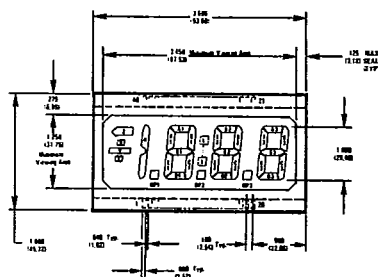
FE0701*

3½ DIGITS,
1.0 inch (25.4 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



ACTUAL SIZE

PINNED
CONFIGURATIONPINLESS
CONFIGURATION

NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

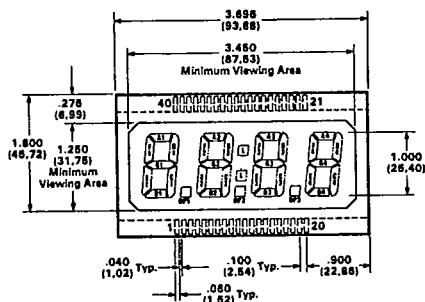
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
Segment	BP	Y	K	N/C	N/C	N/C	N/C	dp1	E1	D1	C1	dp2	E2	D2	C2	dp3	E3	D3	C3	B3	A3	F3	G3	B2	A2	F2	G2	L	B1	A1	F1	G1	N/C	N/C	N/C	N/C	N/C	N/C	Z	Y	BP



T-41-38



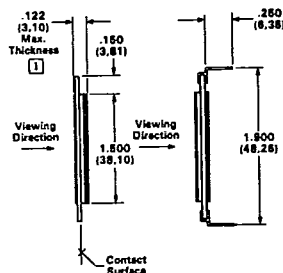
ACTUAL SIZE



FE0703*

4 DIGITS,
1.0 inch (25.4 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number

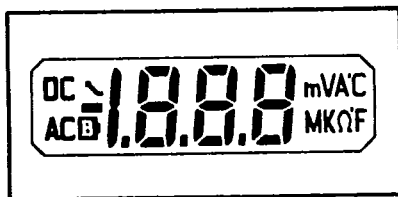
PINLESS
CONFIGURATIONPINNED
CONFIGURATION

NOTES:

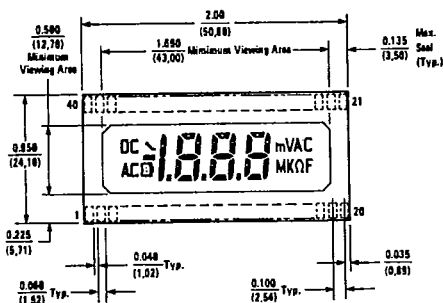
- 1 Glass thickness (non-accumulative) is .043 (1.1) $\pm$.006 (.15)
Total thickness of bare cell (front and rear glass) is .087 (2.2) $\pm$.008 (.2)

2 Dimensions: Inches (mm)

Pin. No.	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	36	37	38	39	40
Segment	BP	N/C	N/C	N/C	E1	D1	C1	dp1	E2	D2	C2	dp2	E3	D3	C3	dp3	E4	D4	C4	B4	A4	F4	G4	B3	A3	F3	G3	L	B2	A2	F2	G2	N/C	B1	A1	F1	G1	N/C	N/C	BP



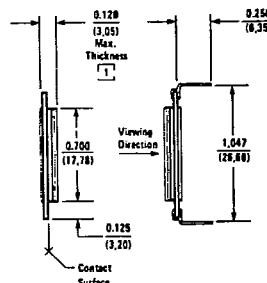
ACTUAL SIZE



FE0801*

3 1/2 DIGITS,
0.4 inch (10.2 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number

PINLESS
CONFIGURATIONPINNED
CONFIGURATION

NOTES:

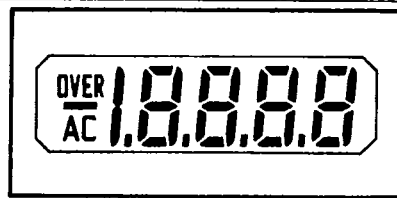
- 1 Maximum thickness includes front and back polarizers plus reflector attached.

2 Dimensions: Inches (mm)

Pin. No.	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	36	37	38	39	40
Segment	BP	N/C	AC	BAT	K	dp	E1	D1	C1	dp	E2	D2	C2	dp	E3	D3	C3	M	K	Ω	°F	°C	A	V	m	B3	A3	F3	G3	B2	A2	F2	G2	B1	A1	F1	G1	OV	-	DC



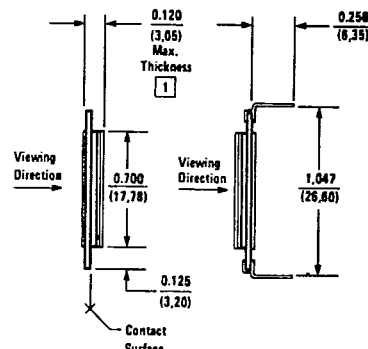
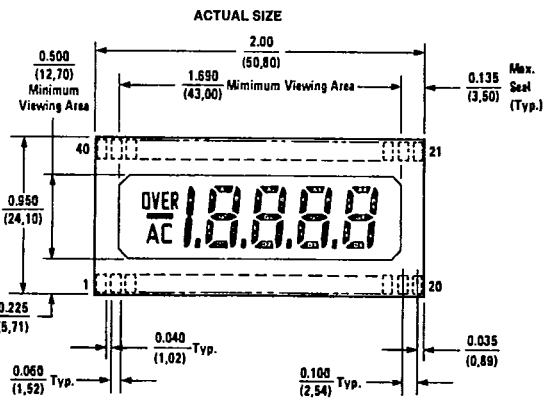
T-41-38



FE0802*

4½ DIGITS,
0.4 inch (10.2 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



NOTES:

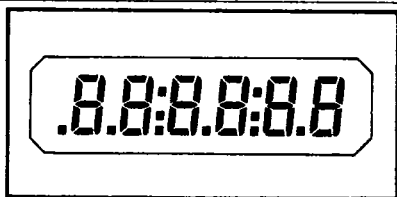
PINLESS
CONFIGURATION

1 Maximum thickness includes front and back polarizers plus reflector attached.

PINNED
CONFIGURATION

2 Dimensions: Inches (mm)

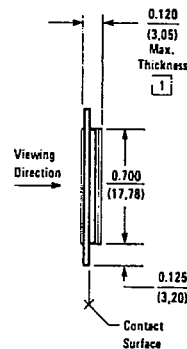
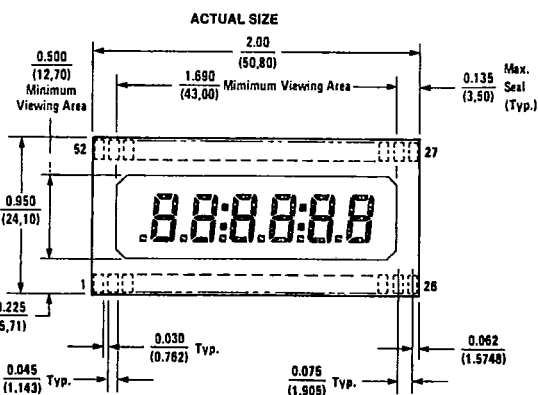
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	N/C	AC	K	dp	E1	D1	C1	dp	E2	D2	C2	dp	E3	D3	C3	dp	E4	D4	C4	B4	A4	F4	G4	B3	A3	F3	G3	B2	A2	F2	G2	B1	A1	F1	G1	N/C	OV	-	N/C



FE0803*

6 DIGITS,
0.3 inch (7.6 mm) CHARACTER HEIGHT

* See page 3-3 for complete part number



NOTES:

1 Maximum thickness includes front and back polarizers plus reflector attached.

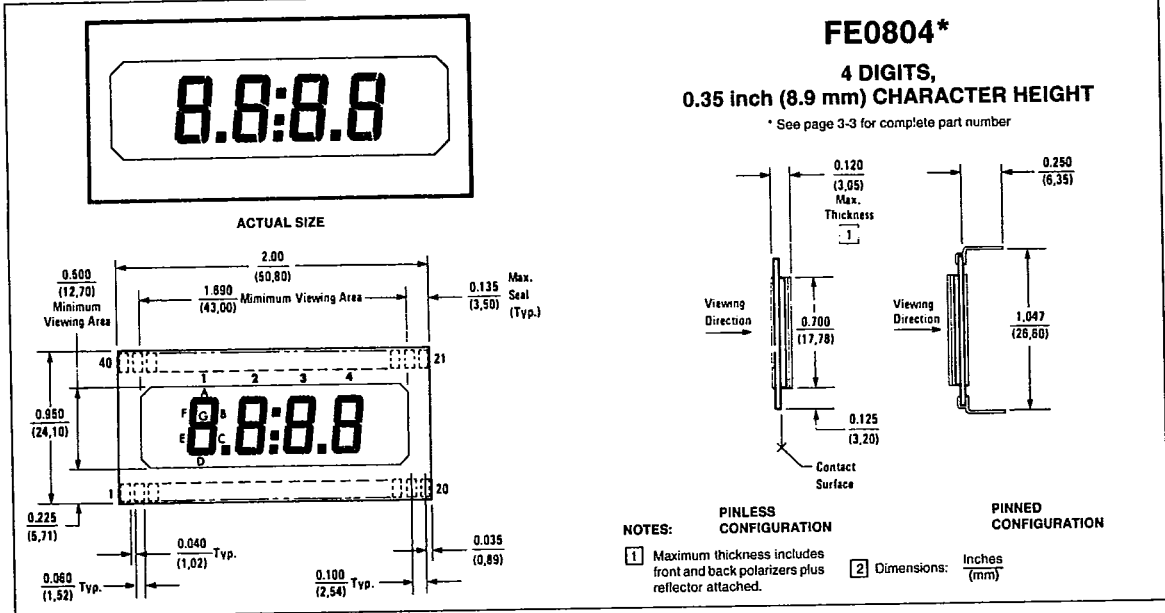
PINLESS
CONFIGURATION

2 Dimensions: Inches (mm)

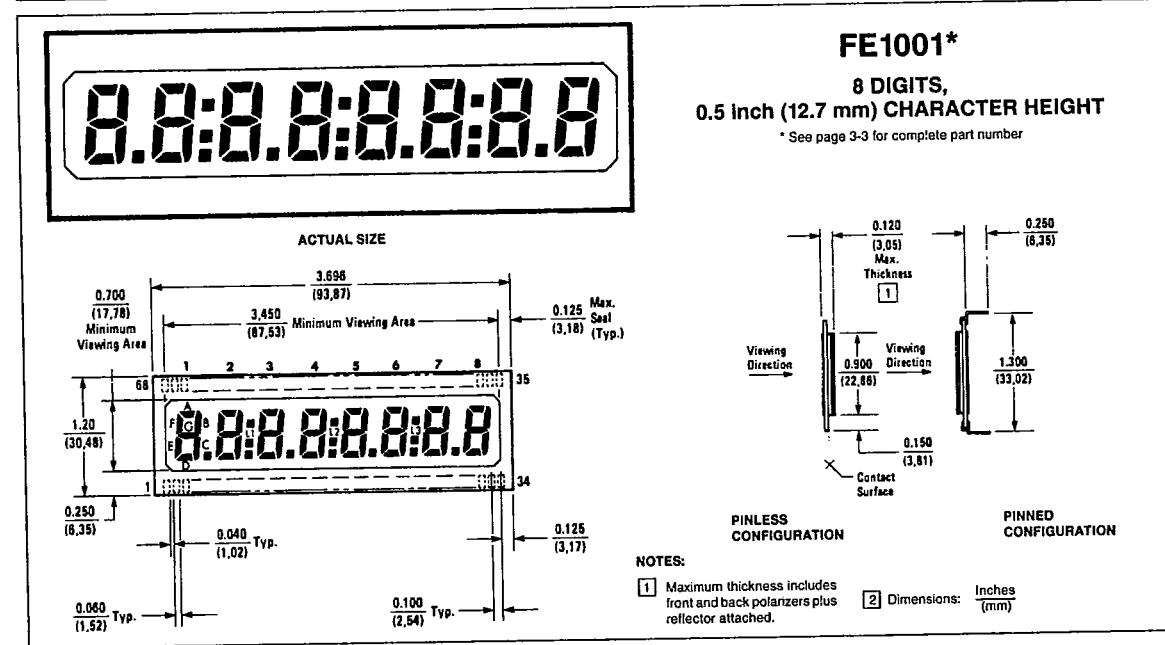
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	dp	E1	D1	C1	dp	E2	D2	C2	dp	E3	D3	C3	dp	E4	D4	C4	dp	E5	D5	C5	dp	E6	D6	C6	B6	A6	F6	G6	B5	A5	F5	G5	L2	B4	A4	F4	G4	B3	A3

Pin No.	41	42	43	44	45	46	47	48	49	50	51	52
Segment	F3	G3	L1	B2	A2	F2	G2	B1	A1	F1	G1	BP

T-41-38



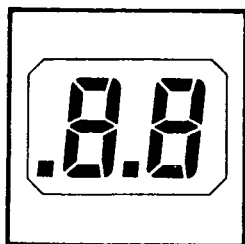
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	N/C	N/C	N/C	E1	D1	C1	DP1	E2	D2	C2	DP2	E3	D3	C3	DP3	E4	D4	C4	BP	A4	F4	G4	B3	A3	F3	G3	COL	B2	A2	F2	G2	N/C	B1	A1	F1	G1	N/C	N/C	BP



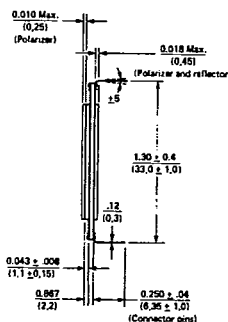
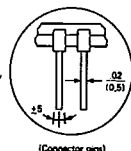
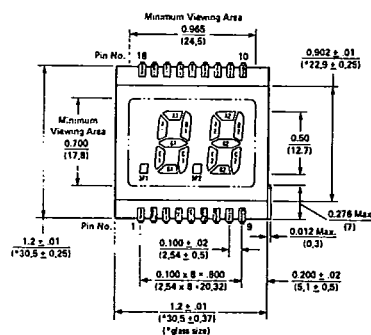
Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Segment	BP	E1	D1	C1	dp	E2	D2	C2	dp	BP	E3	D3	C3	dp	E4	D4	C4	dp	E5	D5	C5	dp	E6	D6	C6	dp	E7	D7	C7	dp	E8	D8	C8	B8	A8	F8	G8	B7	A7	F7

Pin. No.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Segment	G7	L3	B6	A6	F6	G6	B5	A5	F5	G5	L2	B4	A4	F4	G4	B3	A3	F3	G3	L1	B2	A2	F2	G2	B1	A1	F1	G1

T-41-38



ACTUAL SIZE



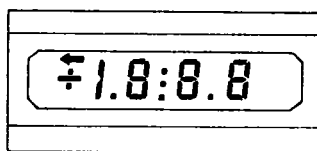
Display Orientation: Locate silver dots in the display seal (black border). These indicate left side of display when display is in the viewing position.

Dimensions: Inches
(mm)

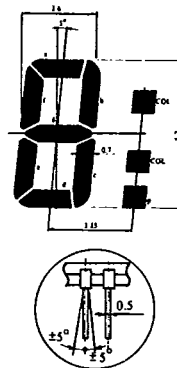
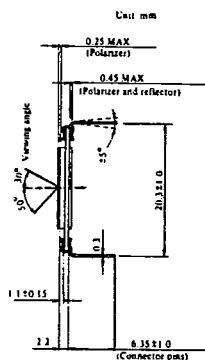
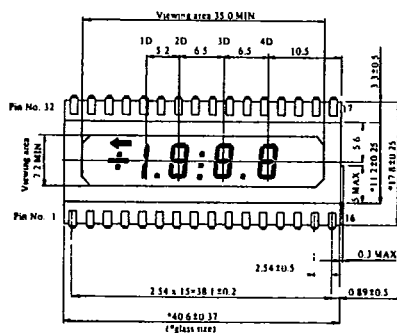
MINIMUM VIEWING AREA: 1.00 X .700 (25.40 X 17.78)

Pin. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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Segment	BP	DP1	E1	D1	C1	DP2	E2	D2	C2	B2	A2	F2	G2	B1	A1	F1	G1	BP
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ACTUAL SIZE

**FE2201***

**3½ DIGITS,
0.2 inch (5.1 mm) CHARACTER HEIGHT**

* See page 3-3 for complete part number

Pin. No.	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
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Segment	bp	-	1bc	1p	2e	2d	2c	2p	3e	3d	3c	3p	4e	4d	4c	4b	4a	4f	4g	3b	3a	3f	3g	COL	2b	2a	2f	2g	NC	ARW	:	bp
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