

# 3.7" 16x16 Bi-Color Dot Matrix Display

## FEATURES

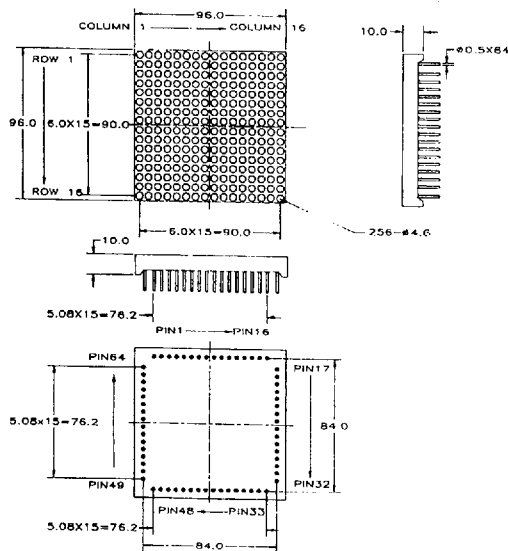
- 3.7" 16x16 dot matrix display
- Grey surface/white epoxy color
- High light output
- Low current requirements
- Excellent character appearance
- Reliable and rugged

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	Face/ Segment	EMITTED COLOR	PEAK WAVE LENGTH (nm)	MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS						
				IF (mA)	VR (V)	PD (mW)	VF(V)			IR(μA)		IV(mcd)	
							typ.	max.	@mA	max.	@VR	typ. per seg.	@mA
MTAN6437-CHRG	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	11.5	20
	Grey/White	ORANGE	635	30	5	90	2.1	3.0	20	100	5	13.3	20
MTAN6437-CRG	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	11.5	20
	Grey/White	RED	700	30	5	90	2.1	3.0	20	100	5	3.1	20

Operating Temperature: -25~+85, Storage Temperature: -25~+100.

## PACKAGE DIMENSIONS AND PIN FUNCTIONS



1. ALL DIMENSIONS ARE IN mm. TOLERANCE IS ±0.25mm UNLESS OTHERWISE SPECIFIED.  
2. THE SLOPE ANGLE OF ANY PIN MAY BE 45.0° MAX.

### PINOUT 1

#### COLUMN ANODE

#### PIN NO. FUNCTION

1. CATHODE CLMN 1 (GREEN)
2. CATHODE CLMN 2 (GREEN)
3. CATHODE CLMN 3 (GREEN)
4. CATHODE CLMN 4 (GREEN)
5. CATHODE CLMN 5 (GREEN)
6. CATHODE CLMN 6 (GREEN)
7. CATHODE CLMN 7 (GREEN)
8. CATHODE CLMN 8 (GREEN)
9. CATHODE CLMN 9 (GREEN)
10. CATHODE CLMN 10 (GREEN)
11. CATHODE CLMN 11 (GREEN)
12. CATHODE CLMN 12 (GREEN)
13. CATHODE CLMN 13 (GREEN)
14. CATHODE CLMN 14 (GREEN)
15. CATHODE CLMN 15 (GREEN)
16. CATHODE CLMN 16 (GREEN)
17. ANODE ROW 16
18. ANODE ROW 15
19. ANODE ROW 14
20. ANODE ROW 13
21. ANODE ROW 12
22. ANODE ROW 11
23. ANODE ROW 10
24. ANODE ROW 9
25. ANODE ROW 8
26. ANODE ROW 7
27. ANODE ROW 6
28. ANODE ROW 5
29. ANODE ROW 4
30. ANODE ROW 3
31. ANODE ROW 2
32. ANODE ROW 1

#### COLUMN CATHODE

#### PIN NO. FUNCTION

33. CATHODE CLMN 16 (RED/ORNG)
34. CATHODE CLMN 15 (RED/ORNG)
35. CATHODE CLMN 14 (RED/ORNG)
36. CATHODE CLMN 13 (RED/ORNG)
37. CATHODE CLMN 12 (RED/ORNG)
38. CATHODE CLMN 11 (RED/ORNG)
39. CATHODE CLMN 10 (RED/ORNG)
40. CATHODE CLMN 9 (RED/ORNG)
41. CATHODE CLMN 8 (RED/ORNG)
42. CATHODE CLMN 7 (RED/ORNG)
43. CATHODE CLMN 6 (RED/ORNG)
44. CATHODE CLMN 5 (RED/ORNG)
45. CATHODE CLMN 4 (RED/ORNG)
46. CATHODE CLMN 3 (RED/ORNG)
47. CATHODE CLMN 2 (RED/ORNG)
48. CATHODE CLMN 1 (RED/ORNG)
49. ANODE ROW 1
50. ANODE ROW 2
51. ANODE ROW 3
52. ANODE ROW 4
53. ANODE ROW 5
54. ANODE ROW 6
55. ANODE ROW 7
56. ANODE ROW 8
57. ANODE ROW 9
58. ANODE ROW 10
59. ANODE ROW 11
60. ANODE ROW 12
61. ANODE ROW 13
62. ANODE ROW 14
63. ANODE ROW 15
64. ANODE ROW 16



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All specifications subject to change.