

## ALPHANUMERIC/GRAPHIC DOT MATRIX DISPLAYS

2.3" 5 X 8 Dot Matrix Displays									
Part Number	Description	Source Color	Wave-length $\lambda$ (nm)	Segment Color	Face Color	Forward Voltage $V_F$ (V)		Luminous Intensity $I_V$ ( $\mu$ cd)	
						typ	max	min	typ
GMA2985C	Common Anode; Row		635	White Diffused	Grey	2.1	2.8		3000
GMC2985C	Common Cathode; Row								
GMA2485C	Common Anode; Row	Green	565	White Diffused	Grey	2.1	2.8		3000
GMC2485C	Common Cathode; Row								
GMA2885C	Common Anode; Row	Yellow	585	White Diffused	Grey	2.1	2.8		3000
GMC2885C	Common Cathode; Row								
GMA2285C	Common Anode; Row		660	White Diffused	Grey	1.8	2.5		5000
GMC2285C	Common Cathode; Row								

		Part Number	Notes
<p style="text-align: center;">GMC2X85C</p>	<p style="text-align: center;">GMA2X85C</p>	GMA2985C	4, 36
		GMC2985C	4, 36
		GMA2485C	4, 36
		GMC2485C	4, 36
		GMA2885C	4, 36
		GMC2885C	4, 36
		GMA2285C	4, 36
		GMC2285C	4, 36

**Notes:**

- 4.  $V_F$  &  $I_V$  @  $I_F = 20$  mA
- 36. XXXXXX represents the product part number, MYY is the date code, Z refers to the light intensity category for the product.  
HER = High Efficiency Red.

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						typ	max	min	typ
GMA2685C	Common Anode; Row	Green	635 / 565	White Diffused	Grey	2.1	2.8		3000

Top View Dimensions:  
 40 X  $\phi$ .2 (5.0)  
 1.5 (38.1) NOM  
 .016 (.4)  
 .35 (8.8)  
 7 X .9 (22.9)  
 = 2.1 (53.34)  
 4 X .3 (7.62)  
 = 1.2 (30.48)  
 PIN #1  
 8 X .1 (2.54)  
 = .8 (20.32)

Side View Dimensions:  
 .016 (.4)  
 .35 (8.8)  
 2.38 (60.8) NOM  
 1.8 (45.72)  
 .22 (5.5)

XXXX    XXXXXX  
 X

	Part Number	Notes
<p style="text-align: center;">GMA2685C  a = HER die  b = Green die</p>	GMA2685C	4, 36