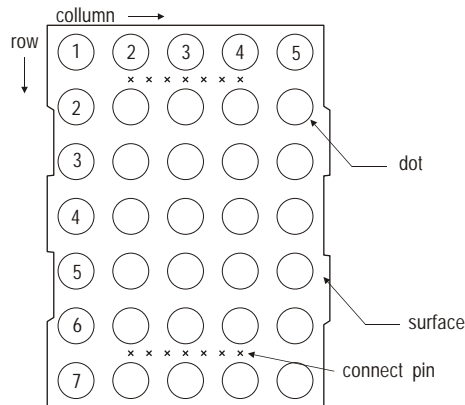


# Dot Matrix Display Products

Explanation of Part Number:

H M A - 1 2 5 7 0 3 / G W  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① **Title:**  
H: huey-jann co., ltd.
- ② **Driving circuit:**  
A: column anode.  
C: column cathode.
- ③ **Dot collocation kinds:**  
57: 5 X 7.  
58: 5 X 8.  
88: 8 X 8.
- ④ **Dice kinds:**  
according to chip characteristic distinguish.  
see below table.
- ⑤ **LED display series:**  
M: dot matrix display.
- ⑥ **Case row height size:**  
Ex: 07=0.7i  
20=2.0i
- ⑦ **Identification No:**
- ⑧ **Appearance color:**  
GW: gray surface, white dot.  
BW: black surface, white dot.  
BR: black surface, red dot.  
RR: red surface, red dot.



Ta=25°C

Type	Material	Absolute Maximum Rating				Electro-Optical Characteristics									
		P <sub>D</sub>	I <sub>F</sub>	I <sub>FP</sub>	V <sub>R</sub>	wavelength			forward voltage			reverse current			
						λ <sub>p</sub>	λ <sub>d</sub>	Δλ	I <sub>F</sub>	typ	Max	I <sub>R</sub>	Max	V <sub>R</sub>	
2	GaP/GaP	45	15	50	5	700	658	90	15	2.10	2.80	20	10	5	
3	GaP/GaP	100	30	160	5	565	565	30	20	2.10	2.80	20	10	5	
3 ,DG,CG	GaP/GaP	100	30	150	5	570	567	30	20	2.15	2.80	20	10	5	
4	GaAsP/GaP	100	30	160	5	585	583	30	20	2.10	2.80	20	10	5	
4AY	AllnGaP/GaAs	100	25	50	5	592	590	25	20	2.00	2.40	20	10	5	
5	GaAsP/GaP	100	30	160	5	635	625	30	20	2.00	2.80	20	10	5	
6DR	GaAlAs/GaAs	60	25	160	5	660	643	20	20	1.80	2.10	20	10	5	
6CR	GaAlAs/GaAs	60	25	160	5	660	643	20	20	1.80	2.10	20	10	5	
unit		mW	mA	mA	V	nm	nm	nm	mA	V	V	mA	uA	V	

I<sub>FP</sub> condition: 1/10 duty cycle, pulse width =0.1ms.