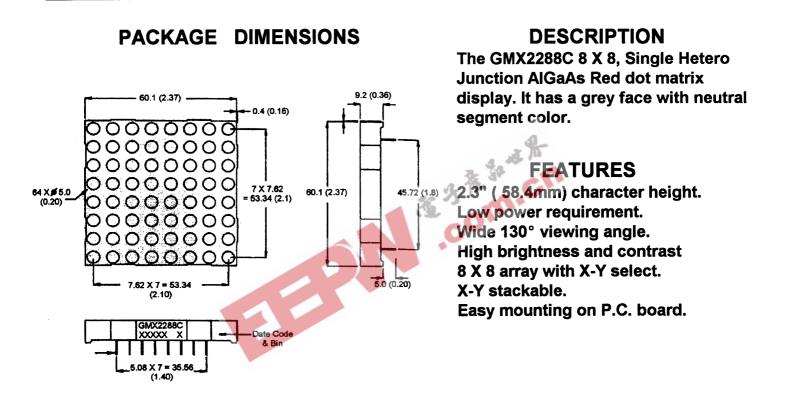


AlGaAs Red GMA2288C AlGaAs Red GMC2288C



NOTE: Dimensions are in mm (inch). Tolerances are \pm 0.25 (0.1) unless otherwise noted. All pins are 0.5 (.02).

MODEL NUMBER

Part NumberColourDescriptionGMA2288CAlGaAs RedCommon anode row.GMC2288CAlGaAs RedCommon Cathode row.(For other color options, contact your local area Sales Office)



ABSOLUTE MAXIMUM RATING (T_A = 25°C unless otherwise specified)

Peak forward current per segment	AlGaAs Red 200	Units mA
(Duty cycle 1/10, 10KHz)		
Continous IF per segment	30	mA
Power dissipation per segment	100*	mW
*Derate linearly from 25°C	0.5	mW/°C
Reverse voltage VR per segments	5	Volts
Operating and storage temperature range		25°C to +85°C
Soldering time at 260°C		3 sec
(1/16" below seating plane)	3 om.	

ELECTRO - OPTICAL CHARACTERISTICS ($T_A = 25^{\circ}C$ unless otherwise specified)

		Test
	AlGaAs Red	Condition
Luminous Intensity/Dot		
Digit average (Typical)	5000ucd	l _F = 20mA
Forward voltage (V _F)		
typical	1.8V	l _F = 20 mA
maximum	2.5V	l _F = 20 mA
Peak wavelength (nm)	660nm	i _F = 20 mA
Spectral line half width (nm)	20nm	l _F = 20mA
Reverse breakdown voltage V _R	5V	I _R = 100uA



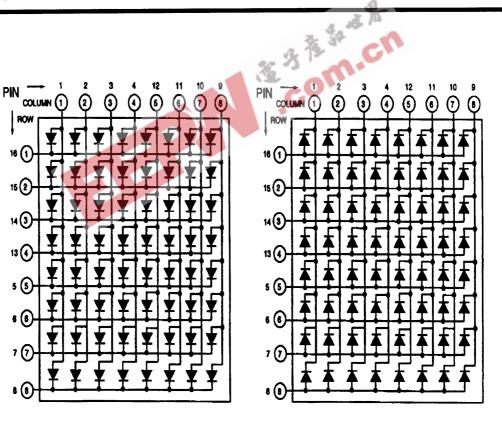
A D

PIN CONNECTION:

	A State of the sta			
GN Pin Number	A2288C Function	Pin Number	GMC2288C Function	
1	Cathode Column 1	1	Anode Column 1	
2	Cathode Column 2	2	Anode Column 2	
3	Cathode Column 3	3	Anode Column 3	
4	Cathode Column 4	4	Anode Column 4	
5	Anode Row 5	5	Cathode Row 5	
6	Anode Row 6	6	Cathode Row 6	
7	Anode Row 7	7	Cathode Row 7	
8	Anode Row 8	8	Cathode Row 8	
9	Cathode Column 8	9	Cathode Column 8	
10	Cathode Column 7	10	Cathode Column 7	
11	Cathode Column 6	11	Cathode Column 6	
12	Cathode Column 5	12	Cathode Column 5	
13	Anode Row 4	13	Anode Row 4	
14	Anode Row 3	14	Anode Row 3	
15	Anode Row 2	15	Anode Row 2	
16	Anode Row 1	16	Anode Row 1	



SCHEMATIC:

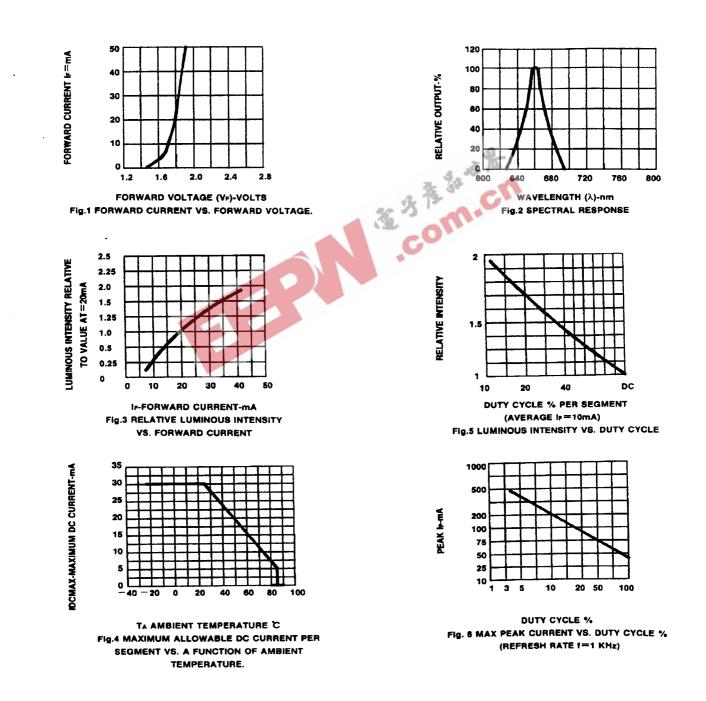


GMC2X88C

GMA2X88C



GRAPHICAL DETAIL: AIGaAs Red (T_A = 25°C unless otherwise specified)





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 A critical componer device or system with reasonably expected to result in a significant injury of the user.
- 2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.