GYXM-788ASR PACKAGE DIMENSIONS COL.1 8 ROW 3 5 6 1 2 3 2,5*7=17, 5 6 7 8 2.5*7=17.50 PIN 1 20.2 5,90 Ø0.45 15.00 2.50*7=17.50 INTERNAL CIRCUIT DIAGRAM COL. 4 5 6 7 8 1 2 3 PIN (6) 3 4 10) (15)NO. (3) (11) **ROW PIN** NO. 9 (4) 2 (8) 3 (12)1 5 6 NOTES: (5) 1. All Dimensions are in millimeters(inches). 2. Tolerance is ± 0.25mm(0.01")unless otherwise noted

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GUOYEXING OPTOELECTRONICS CO., LTD.

GENERAL INFORMATION

Part I	NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-7	88ASR	GaAlAs/GaAs	RED	water clear	common Anode

Electrical/Optical Characteristics at Ta=25°C

Parameter	Symbol	Тур.	Max.	Unit	Conditions
Luminous Intensity	lv	11	_	mcd	F=20mA
Peak Wavelength	λP	_	_	nm	F=20mA
Dominant Wavelength	λo	645	_	nm	F=20mA
Spectral Line Half-Width	Δλ	_	45	nm	F=20mA
Forward Voltage	VF	1.85	1.95	V	IF=20mA
Reverse Current	I R	50	_	uA	Vr=5V

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Maximum Rating	Unit	
Power Dissipation	Pd	65	mW	
Forward Current	lf	20	mA	
Peak Forward Current(1)	Ir(Peak)	120	mA	
Reverse Voltage	VR	5	V	
Operating Temperature	Topr	-40° c+80° c		
Storage Temperature	Tstg	-40° c+80° c		
Lead Solder Temperature(2)	Tsol	260° c for 5 seconds		

Notes:

1. 1/10 duty cycle, 0.1ms pulse width.

2. 2mm below package base.

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APPROVED: CHEDKED: DRAWER: