



深圳市国治星光电子有限公司

SHENZHEN GUOYEXING OPTOELECTRONICS CO.,LTD.

承 认 书

SPECIFICATION FOR APPROVAL

客户名称Customer: _____

产品型号Model: GYXS-4201AG-3

企业号No.: GYX-G-003

客户号Customer No: DDCG0052

日期Date: 2007-10-25

附产品规格书Enclosure is the specification

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客户确认签名

APPROVED SIGNATURES

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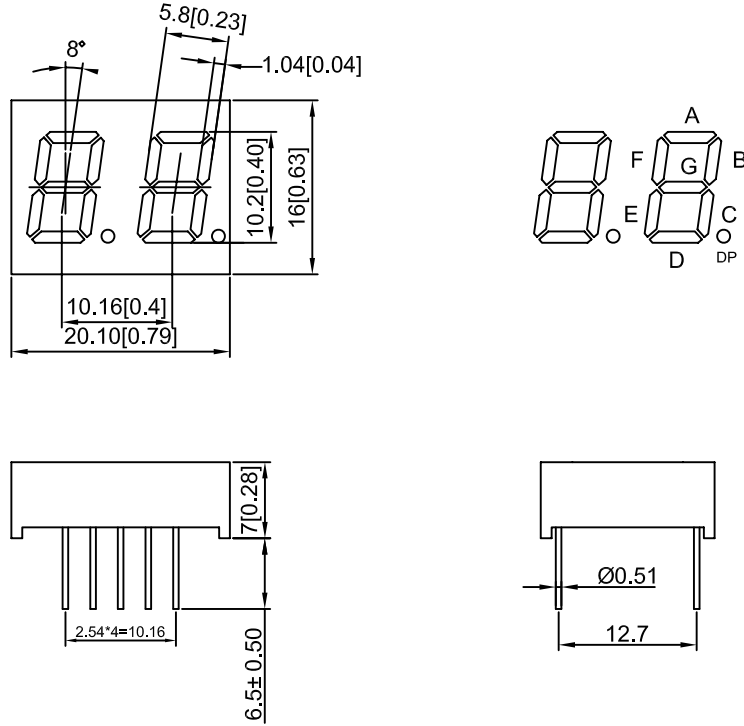
Email:gyx@gyx-led.com

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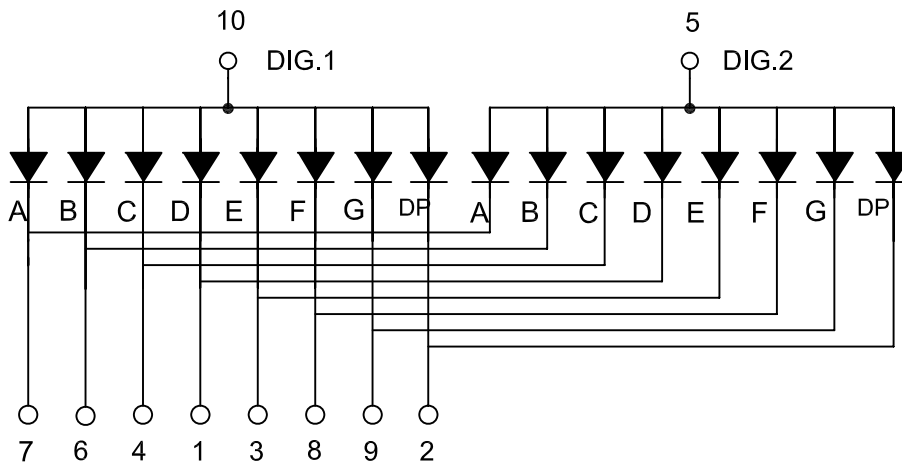


GYXS-4201AG-3

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



Notes:

- 1. All dimensions are in millimeters (inch), Tolerance is $\pm 0.25\text{mm}$ [$0.01''$] unless otherwise noted.
- 2. The specification may be changed without notice.



General Information

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXS-4201AG-3	GaP	GREEN	Diffused	Common Anode

Electrical/Optical Characteristics at Ta=25°C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	11	13	mcd	IF=20mA
Peak Wavelength	λ_P	-	-	nm	IF=20mA
Dominant Wavelength	λ_D	570	573	nm	IF=20mA
Spectral Line Half-Width	$\Delta\lambda$	-	45	nm	IF=20mA
Forward Voltage	VF	1.8	2.6	V	IF=20mA
Reverse Current	IR	50	-	uA	VR=5V

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	Pd	65	mW
Forward Current	IF	20	mA
Peak Forward Current(1)	IF(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:

- 1/10 duty cycle, 0.1ms pulse width.
- 2mm below package base.