



深圳市国冶星光电子有限公司
SHENZHEN GUOYEXING OPTOELECTRONICS CO.,LTD.

承认书

SPECIFICATION FOR APPROVAL

客户名称Customer: _____

客户型号Customer Model: _____

产品型号Model: GYXS-5261ASR-1

企业号No.: GYX-G-003

客户号Customer No: DDCG0305

日期Date: 2008-08-08

附产品规格书Enclosure is the specification

深圳市国冶星光电子有限公司

SHENZHEN GUOYEXING OPTOELECTRONICS CO.,LTD.

生产部 Production Dept.	质量部 Quality Dept.	工程部 Engineering Dept.	市场部 Marketing Dept.
张述花	程斯容	廖晶晶	陈盈

客户确认签名

APPROVED SIGNATURES

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Add:4/F,BlockC,Dongjiaotou Industrial Zone,Houhai Avenue,Shekou,Shenzhen.

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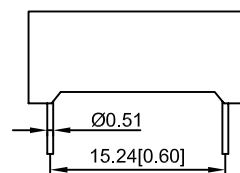
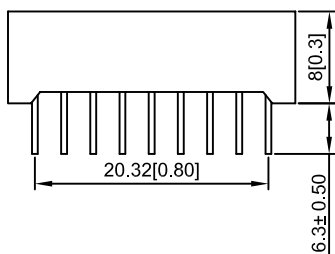
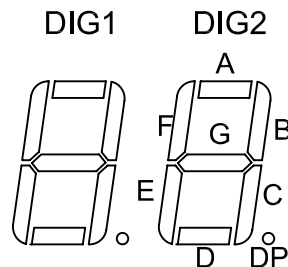
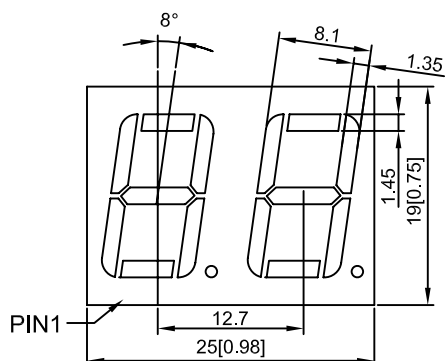
Email:gyx@gyx-led.com

Website:www.Gyx-led.com

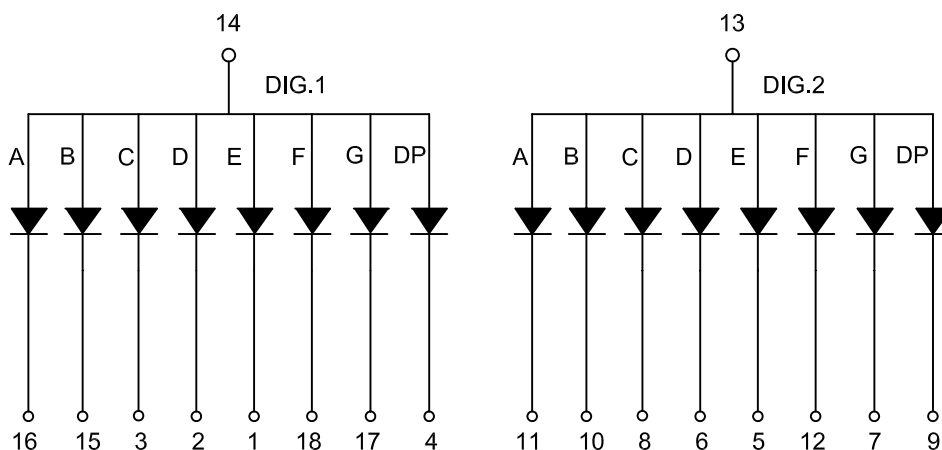


GYXS-5261ASR

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



Notes:

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



General Information

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXS-5261ASR	GaAlAs/GaAs	Red	Diffused	Common Cathode

Electrical/Optical Characteristics at Ta=25°C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	I _v	10.5	-	mcd	I _F =20mA
Peak Wavelength	λ _P	-	-	nm	I _F =20mA
Dominant Wavelength	λ _D	643	-	nm	I _F =20mA
Spectral Line Half-Width	Δλ	-	45	nm	I _F =20mA
Forward Voltage	V _F	1.98	2.20	V	I _F =20mA
Reverse Current	I _R	-	50	uA	V _R =5V

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P _d	65	mW
Forward Current	I _F	20	mA
Peak Forward Current(1)	I _F (Peak)	120	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{opr}	-40° c+80° c	
Storage Temperature	T _{stg}	-40° c+80° c	
Lead Solder Temperature(2)	T _{sol}	260° c for 5 seconds	

Notes:

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