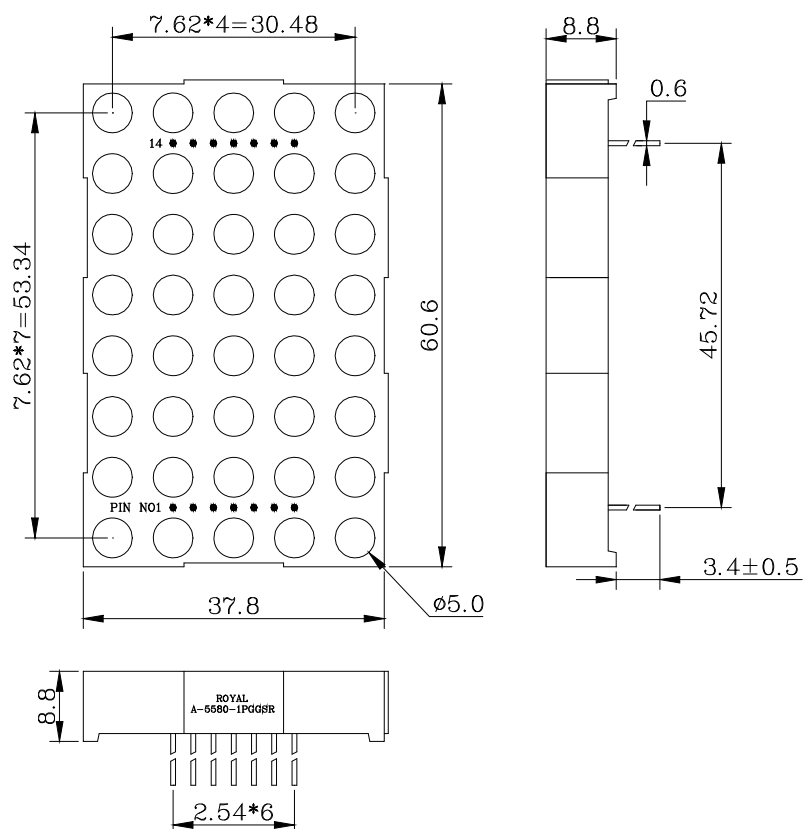




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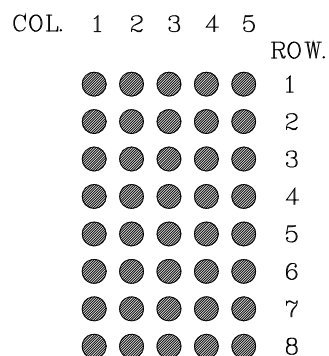
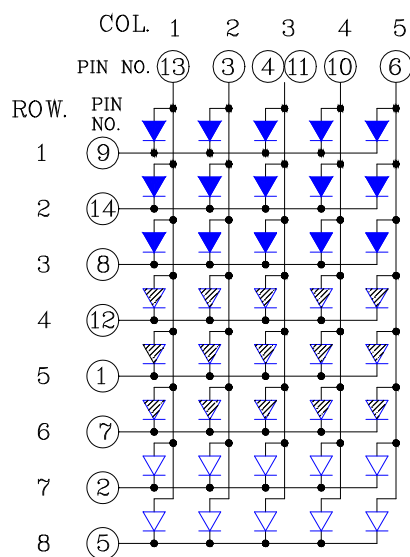
品名：A-5580-1PGGSR B/W

單位：mm



NOTE: TOLERANCE $\pm$ 0.3mm

Pin Function



GREEN YELLOW GREEN SUPER RED

TECHNICAL SPECIFICATION

Part Number: A-5580-1PGGSR B/W (YELLOW GREEN)

Parameter	Symbol	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Forward Voltage	VF	1.7	2.1	2.8	V	If=20mA
Peak Wavelength	λ_p	565	570	575	nm	
Reverse Current	IR			100	μA	VR=5V
Power dissipation	Pd		100		mW	
Luminous Intensity	IV	450	680		μcd	If=20mA
Peak Forward Current	If(Peak)			160	mA	
Recommend Forward Current	If(Rec)		10-20		mA	

Chip Material: GaP/GaP

Emitted color: YELLOW GREEN

CA or CC: CA

Colloid Color: WHITE

Face Color: BLACK

■ ABSOLUTE MAXIMUM RATINGS: (Ta=25°C)

■ OPERATING TEMPERATURE: -40°C TO 80°C

■ LEAD SOLDERING: 260°C FOR 5 SECONDS

TECHNICAL SPECIFICATION

Part Number: A-5580-1PGGSR B/W (SUPER RED)

Parameter	Symbol	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Forward Voltage	VF	1.5	1.7	2.4	V	If=20mA
Peak Wavelength	λ_p	640	645	650	nm	
Reverse Current	IR			100	μA	VR=5V
Power dissipation	Pd		110		mW	
Luminous Intensity	IV	400	600		μcd	If=20mA
Peak Forward Current	If(Peak)			200	mA	
Recommend Forward Current	If(Rec)		20		mA	

Chip Material: GaAlAs/GaAs

Emitted color: SUPER RED

CA or CC: CA

Colloid Color: WHITE

Face Color: BLACK

■ ABSOLUTE MAXIMUM RATINGS: (Ta=25°C)

■ OPERATING TEMPERATURE: -40°C TO 80°C

■ LEAD SOLDERING: 260°C FOR 5 SECONDS

TECHNICAL SPECIFICATION

Part Number: A-5580-1PGGSR B/W (PURE GREEN)

Parameter	Symbol	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Forward Voltage	VF	1.7	2.1	2.8	V	If=20mA
Peak Wavelength	λ_p		564		nm	
Reverse Current	IR			100	μA	VR=5V
Power dissipation	Pd		100		mW	
Luminous Intensity	IV	420	600		μcd	If=20mA
Peak Forward Current	If(Peak)			160	mA	
Recommend Forward Current	If(Rec)		10		mA	

Chip Material: GaP/GaP

Emitted color: GREEN

CA or CC: CA

Colloid Color: WHITE

Face Color: BLACK

■ ABSOLUTE MAXIMUM RATINGS: (Ta=25°C)

■ OPERATING TEMPERATURE: -40°C TO 80°C

■ LEAD SOLDERING: 260°C FOR 5 SECONDS