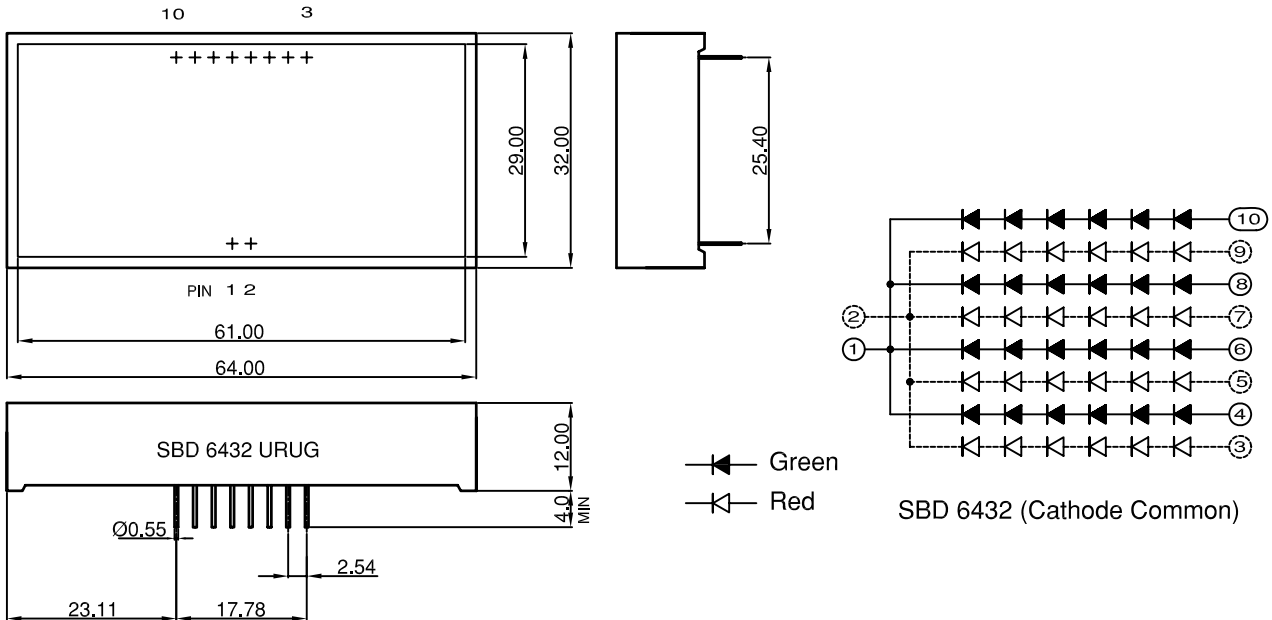


High Brightness 64.0*32.0mm Flat LED Displays

SBD 6432 URUG

SCALE 1:1(mm)
(Top View)

Outline Dimensions PACKAGE DIMENSIONS



Yellow-green SBD 6432UG (GaP)

Absolute Maximum Ratings(Ta=25°C)

Power dissipation/Chip	46 mW
Forward current	20 mA
Peak forward current	60 [*] mA
Reverse voltage	5 V
Operating temperature	-25~+85 °C
Storage temperature	-55~+100 °C

Electrical/Optical Characteristics (Ta = 25°C)

Parameter	Symbol	Conditions	Min	Typ	Max.	Unit
Forward voltage/Chip	V _F	I _F = 10mA	-	2.10	2.30	V
Reverse current/Chip	I _R	V _R = 5V	-	-	10	μA
Luminous intensity/Chip	I _V	I _F = 10mA	600	1200	-	μcd
Dominant wavelength	λ _D	I _F = 10mA	-	565	-	nm
Half Bandwidth	Δλ	I _F = 10mA	-	30	-	nm

Red SBD 6432UR (GaAlAs)

Absolute Maximum Ratings(Ta=25°C)

Power dissipation/Chip	42 mW
Forward current	20 mA
Peak forward current	60 [*] mA
Reverse voltage	5 V
Operating temperature	-25~+85 °C
Storage temperature	-55~+100 °C

Electrical/Optical Characteristics (Ta = 25°C)

Parameter	Symbol	Conditions	Min	Typ	Max.	Unit
Forward voltage/Chip	V _F	I _F = 10mA	-	1.90	2.10	V
Reverse current/Chip	I _R	V _R = 5V	-	-	10	μA
Luminous intensity/Chip	I _V	I _F = 10mA	1300	2500	-	μcd
Dominant wavelength	λ _D	I _F = 10mA	-	660	-	nm
Half Bandwidth	Δλ	I _F = 10mA	-	20	-	nm

* Pulse Width.....1 ms
Duty Cycle1/5



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