

TYANSHINE
广州市添鑫光电有限公司

添鑫LED画册
TYANSHINE- Speciality LEDs



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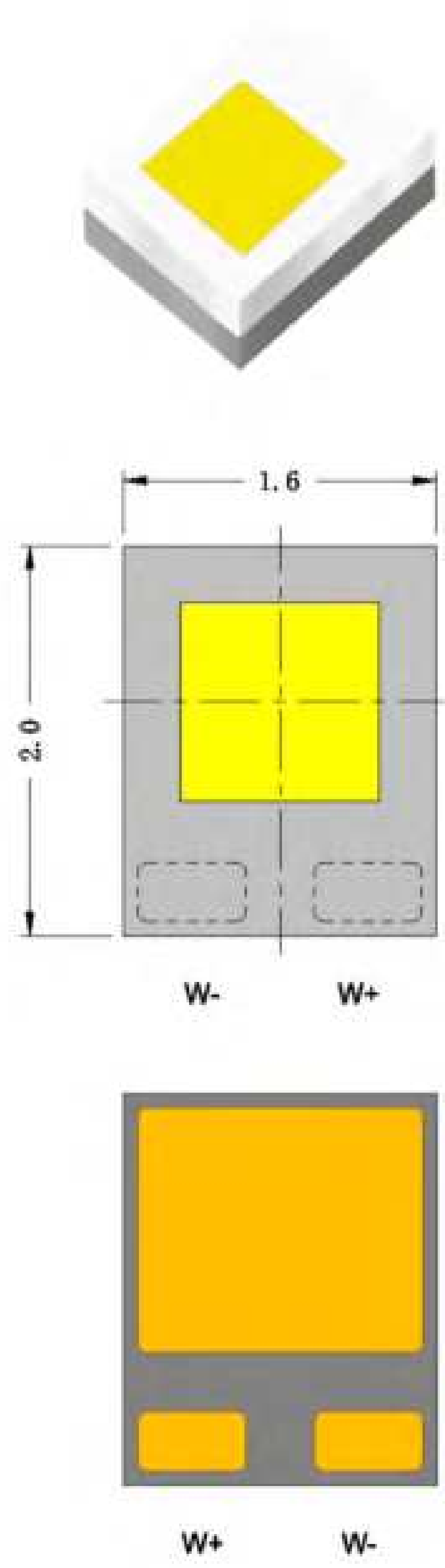


添鑫LED为你的生活增色添彩
TYANSHINE LED - LIGHT YOUR LIFE

■ TX-5050RGBSL/WS20(五色平面).....	73
■ TX-5050RGBLYP/AC/WS20(六色平面).....	75
■ TX-5060WS30(双色平面).....	77
■ TX-5060RGBW/S15(四色平面).....	79
■ TX-5060RBL/A/W/S20(四色平面).....	81
■ TX-5060RBGL/A/W/S40(四色平面).....	83
■ TX-5060RBGL/W50(四色平面).....	85
■ TX-5060RBGL/W60(四色平面).....	87
■ TX-6065W60(平面).....	89
■ TX-6065WS60(双色平面).....	91
■ TX-6065RBL/W60(四色平面).....	93
■ TX-6070RGBWS50(五色平面).....	95
■ TX-6070RGBLAC50(六色平面).....	97
■ TX-6070RGBYLWP25(七色平面).....	99

TX-2016(R/G/B/C/W)3

SMD2016 | Colors&White 3Watt



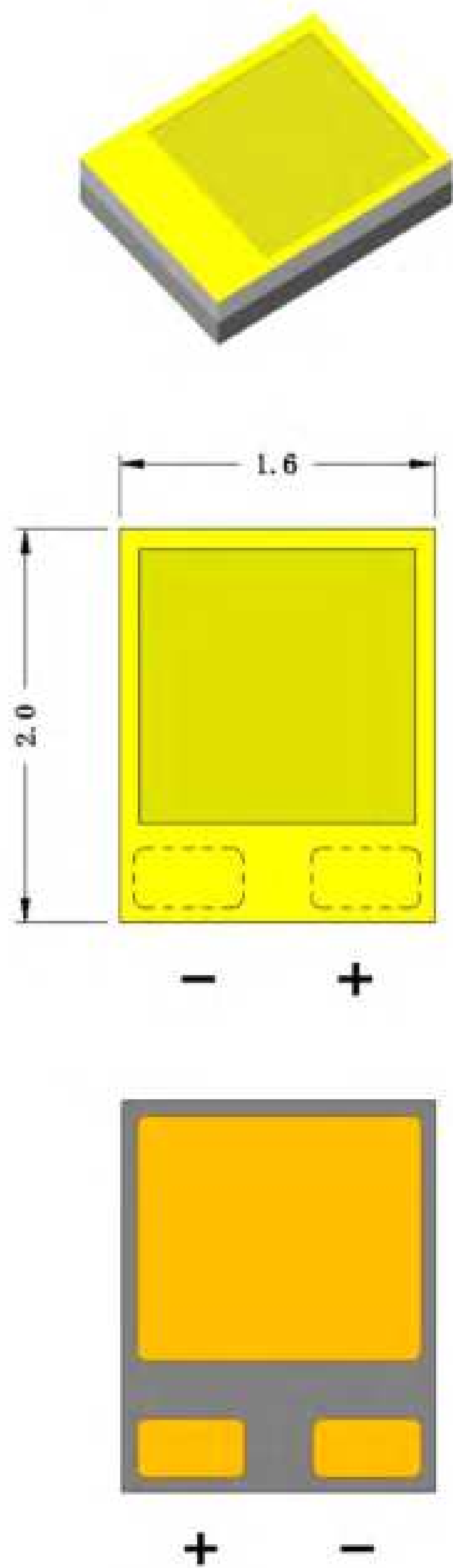
- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH IEC62741

典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (RA)
红 Red	620-625	85-120	700	1200	2.0-2.6	/
绿 Green	522-532	205-250	700	1200	2.8-3.4	/
蓝 Blue	450-460					

TX-2016(L/A/W/S)5

SMD2016 | White 5Watt



- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

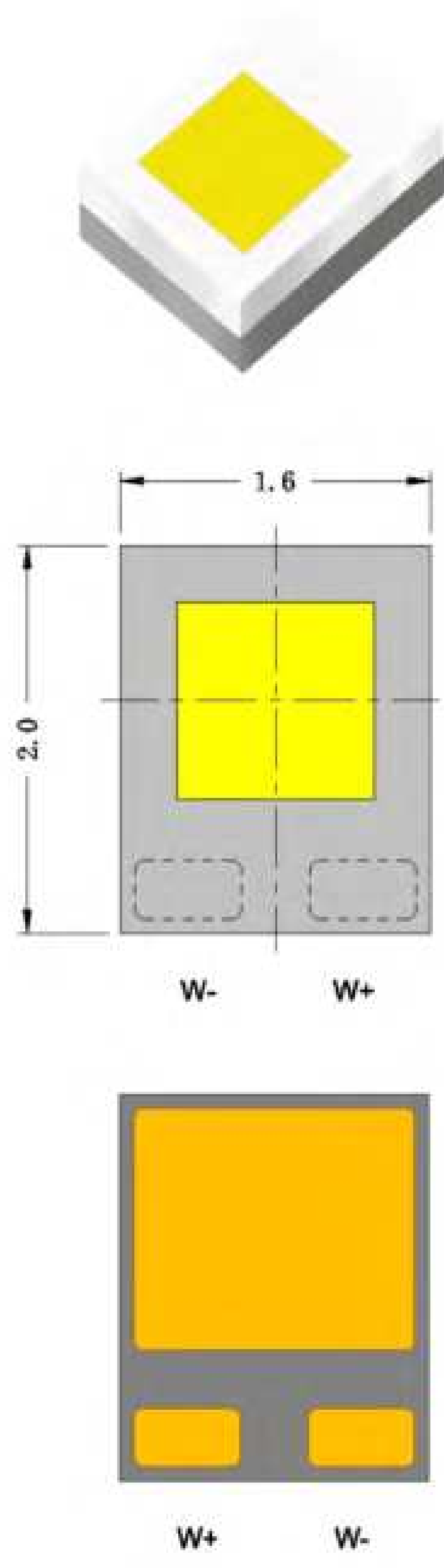
RoHS REACH IEC62741

典型参数

颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (RA)
柠檬 Lemon	4030-4280K (565-568nm)	480-550	1000	1800	3.0-3.25	/
琥珀 Amber	1750-1900K (587-590nm)	280-340	1000	1800	2.9-3.2	/
正白 White	5700 -6500K	400-460	1000	1800	2.9-3.4	/
暖白 Warm White	2400 -2500K	190-240	1000	1800	2.9-3.4	96

TX-2016(R/G/B/C/L/A/W)8

SMD2016 | Colors&White 8Watt



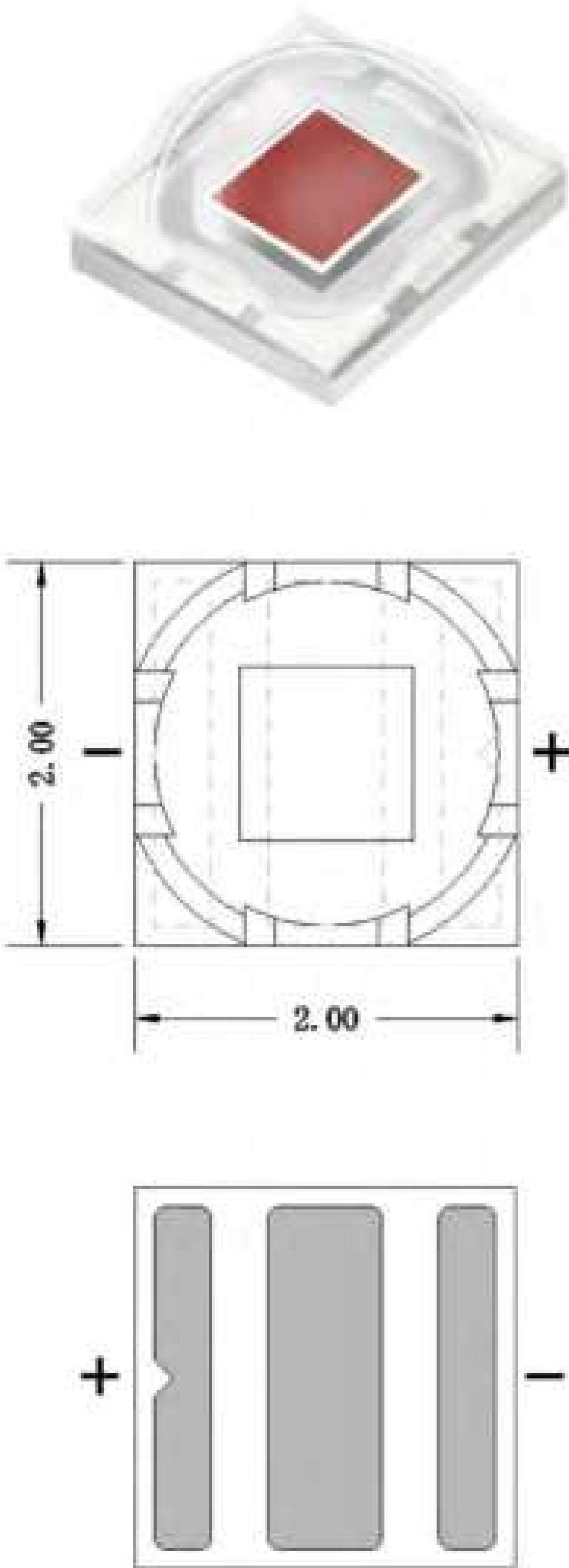
- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH IEC62741

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TX-2020(R/G/B/Y/L/A/W)3

SMD2020 | Colors&White 3Watt

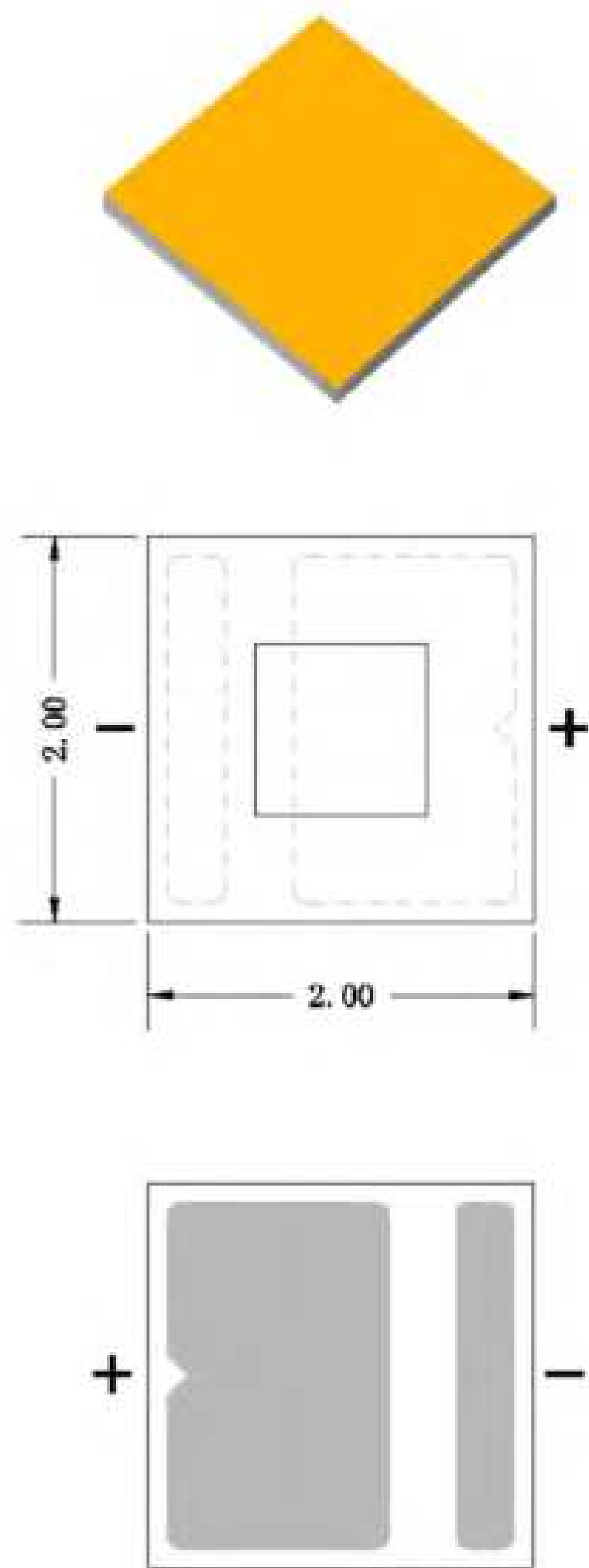


- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH

典型参数 3W						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
红 Red	620-625	60-80	350	1000	2.1-2.5	/
绿 Green	525-532	125-155	350	1000	2	

TX-2020W3
SMD2020 | White 3Watt

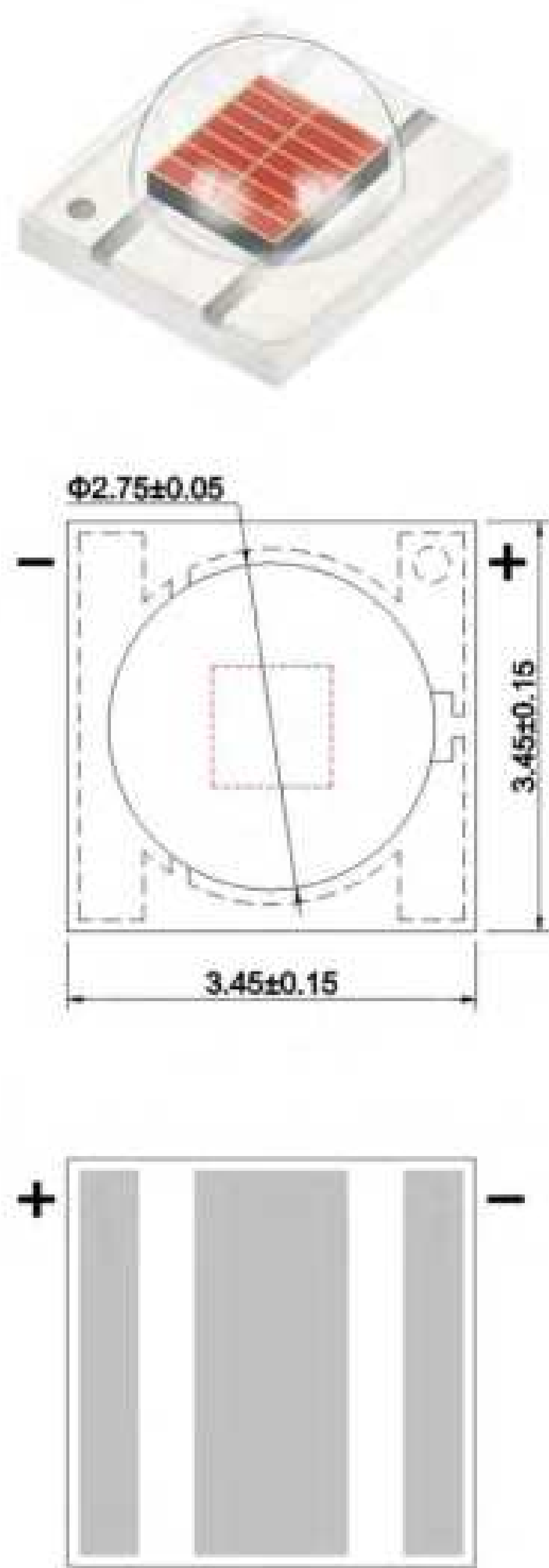


- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS	REACH		
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流(Ra90) DC Forward Current	mA	350	1200
直流正向电流(Ra80) DC Forward Current	mA	350	800
正向电压 Forward Voltag	V	2.7	3.2

典型参数			
色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
3710-4110	100-130	90	350
2867-3125	90-125	90	350
3710-4110	90-115	80	350
2867-3125	85-105	80	350

TX-3535(R/G/B/C/Y/P/O/W)3
SMD3535 | 3Watt Class

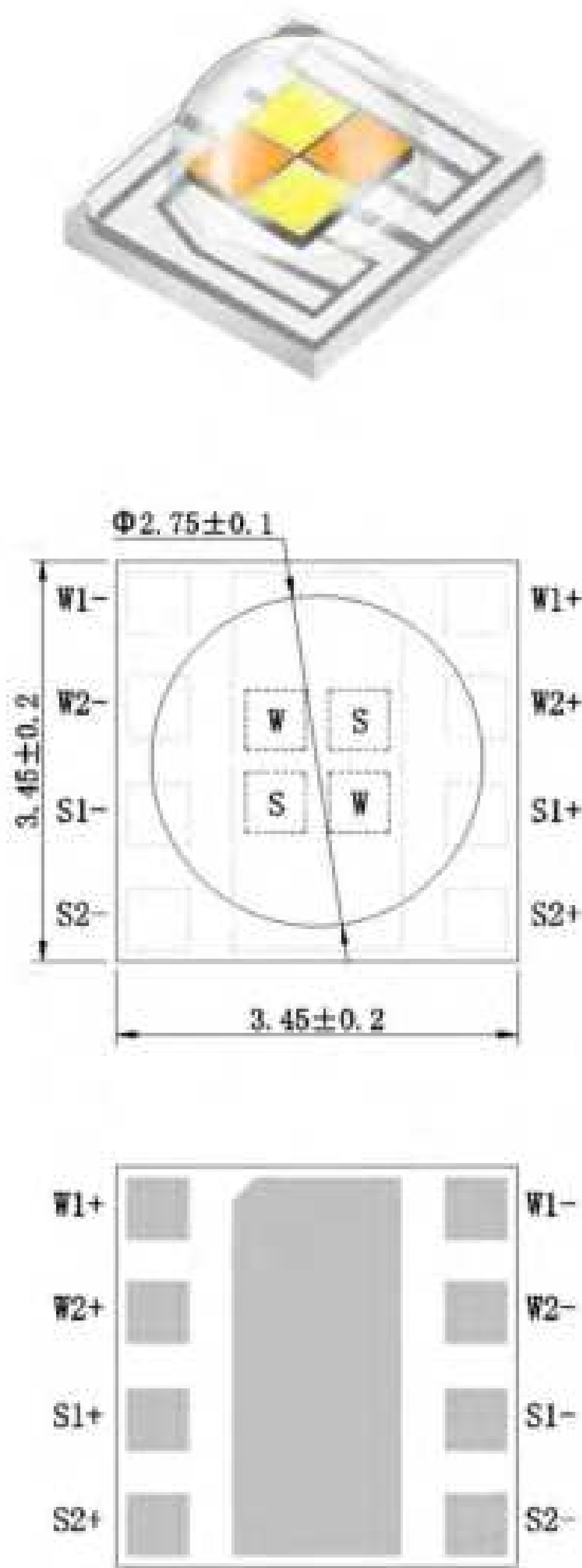


- Ceramic PKG, eutectic-bonding, thermal-electric isolation

TX-3535WS4

(powered by OSRAM LED Die)

SMD3535 | TunableWhite 4Watt



- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

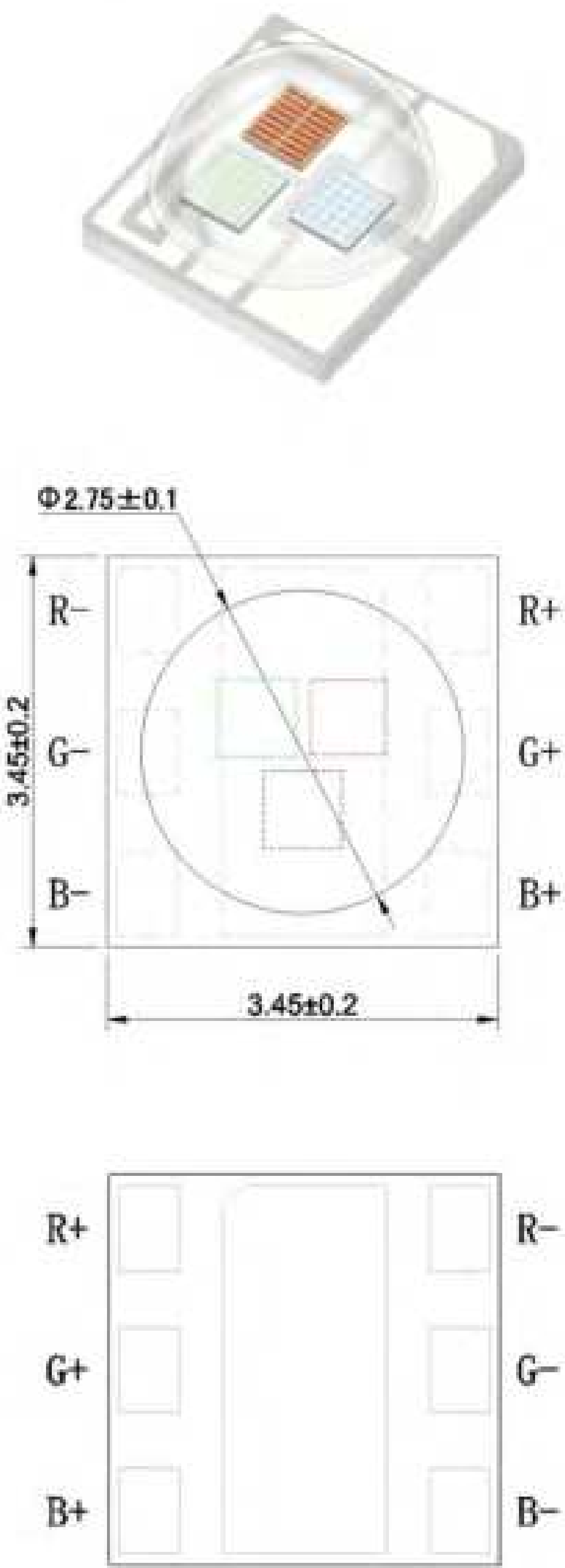
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	300	350
正向电压 Forward Voltag	V	3.2	3.6

典型参数			
色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
W:3780-4150K	60-80	80	300
S:2860-3130K	50-65	80	300

TX-3535RGB3

(powered by OSRAM LED Die)

SMD3535 | RGB 3Watt



- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS

REACH

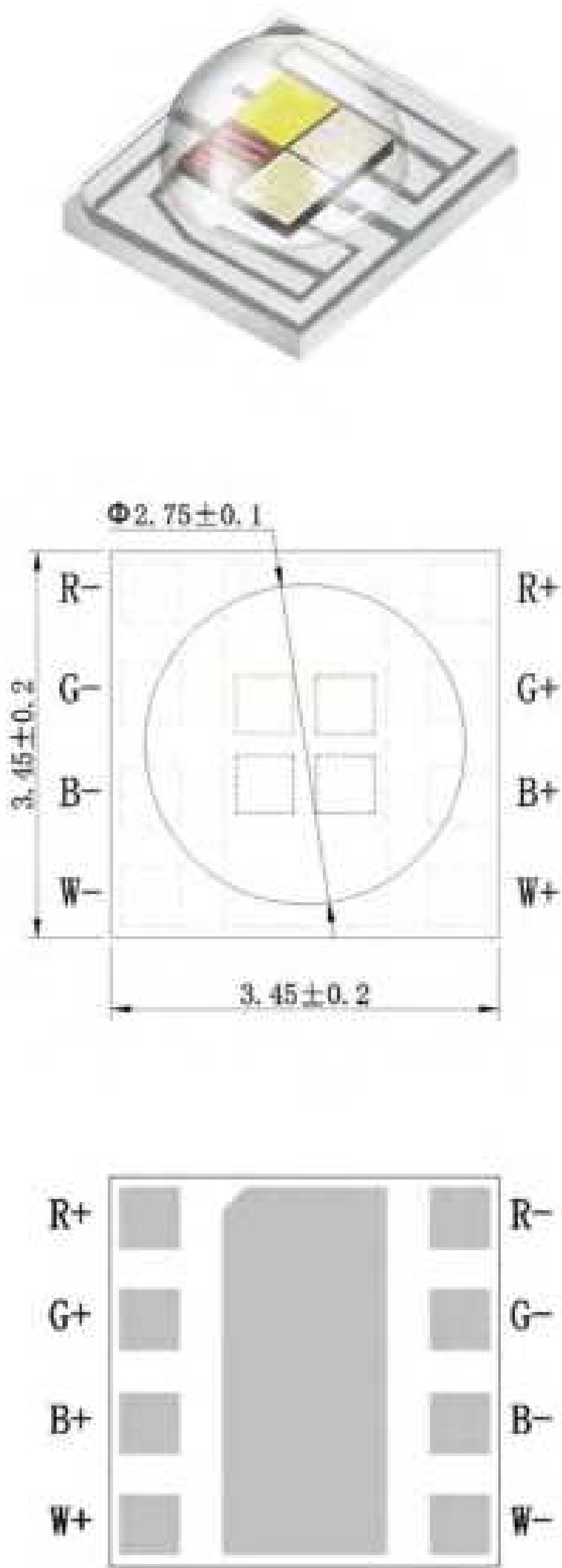
IEC62741

典型参数 3W (欧司朗芯片)					
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)
红 Red	620-625	50-75	300	350	2.0-2.5
绿 Green	522-532	65-90	300	350	3.1-3.6
蓝 Blue	465-475	22-32	300	350	3.0-3.5

TX-3535RGBA/W/S4

(powered by
OSRAM LED Die)

SMD3535 | RGBW 4Watt



- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

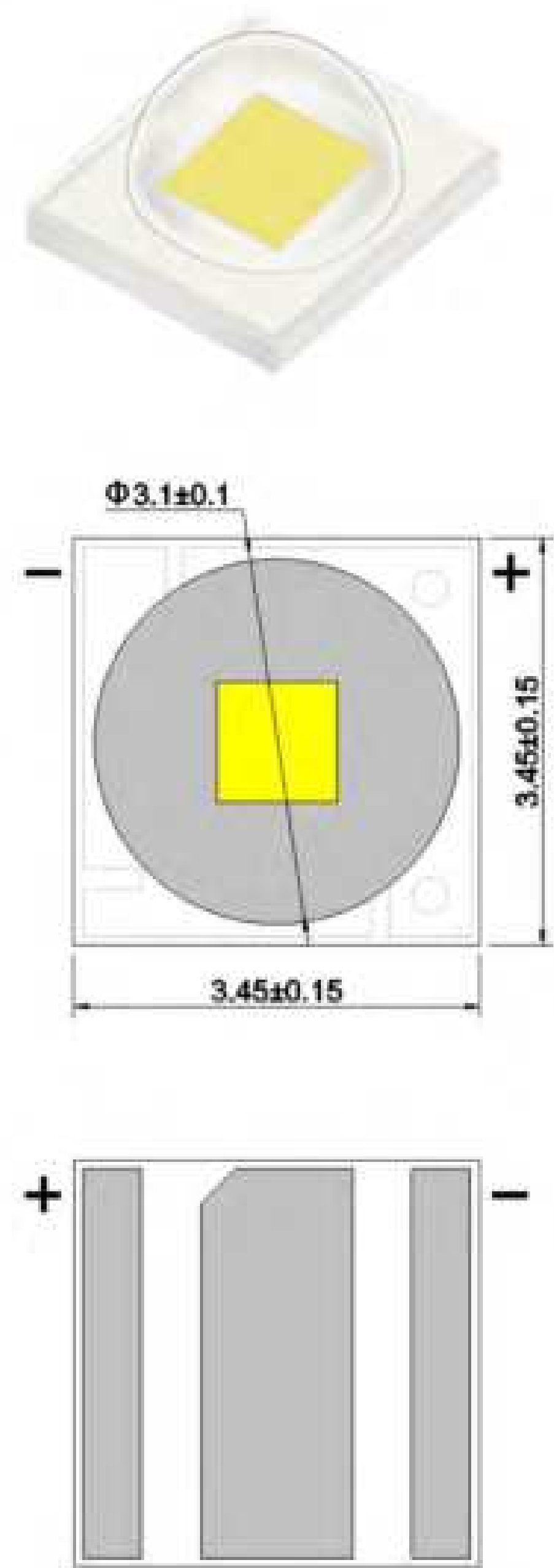
RoHS

REACH

IEC62741

典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
红 Red	620-625	40-65	300	350		

TX-3535(L/A/W)3
SMD3535 | White 3Watt



- Ceramic PKG, eutectic-bonding, thermal-electric isolation
Fast heat conductivity ;
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions .
- Anti-UV silicon dome Lens
Strong anti-aging ability, excellent light directionality

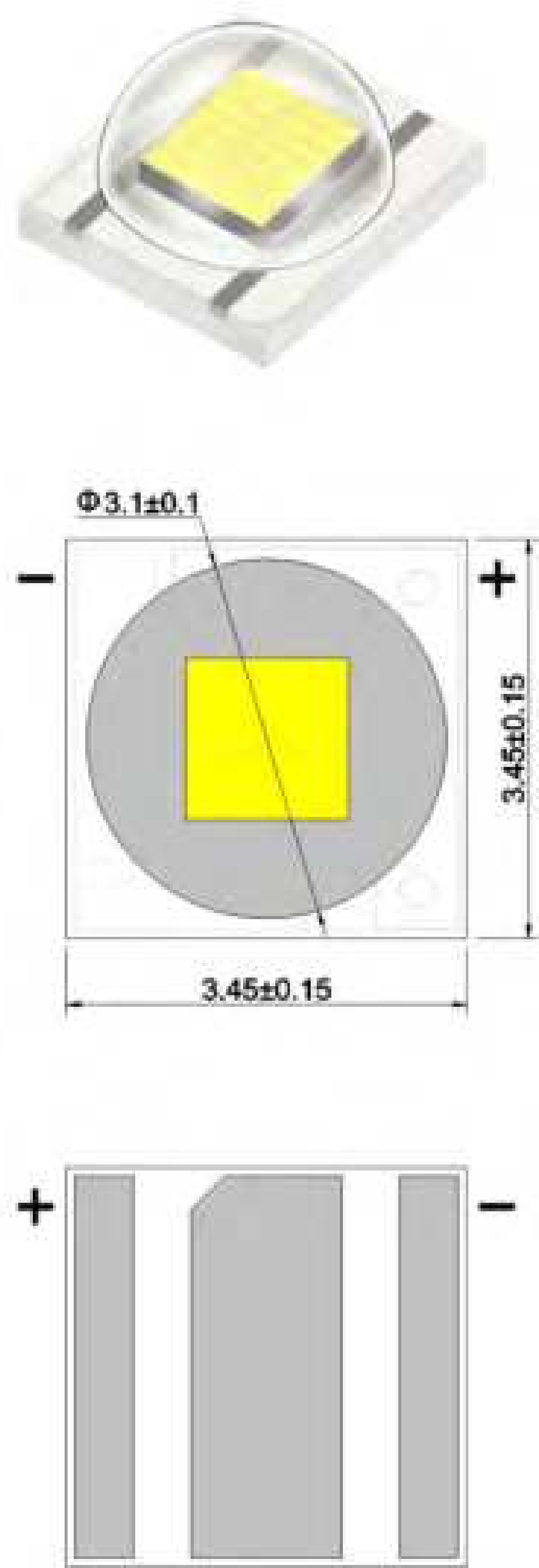
RoHS REACH IEC62741

典型参数

颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
柠檬 Lemon	5400-5900K (549-552nm)	180-230	350	1200	2.75-3.25	/
柠檬 Lemon	4030-4280K (					

TX-3535W5

SMD3535 | White 5Watt



- Ceramic PKG, eutectic-bonding, thermal-electric isolation
Fast heat conductivity ;
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions .
- Anti-UV silicon dome Lens
Strong anti-aging ability, excellent light directionality

RoHS REACH

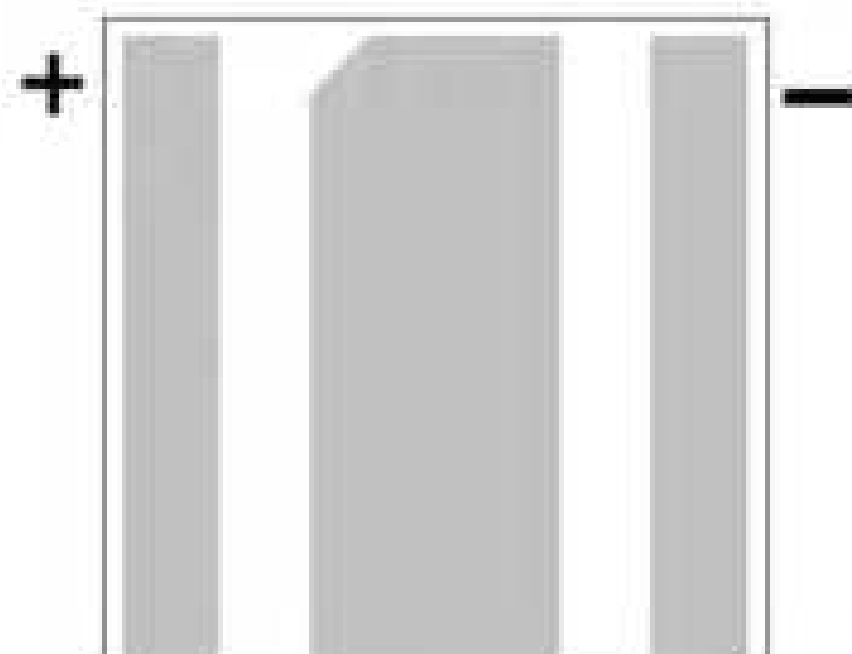
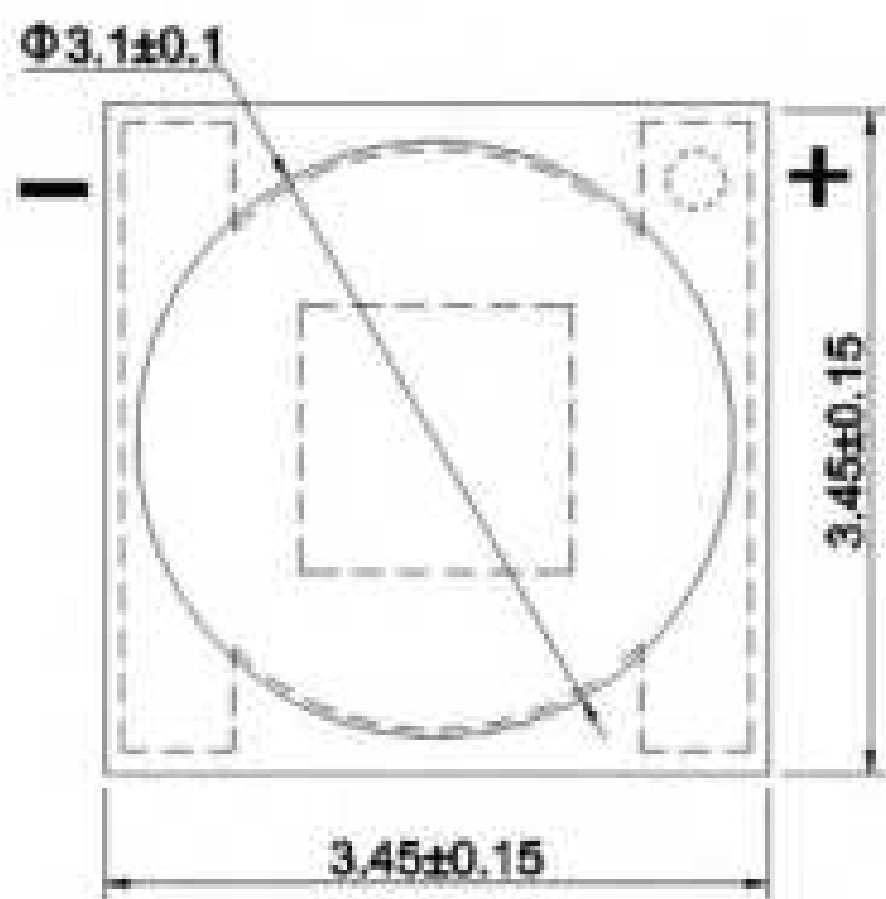
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流(无显指) DC Forward Current	mA	350	1800
直流正向电流(有显指) DC Forward Current	mA	700	1800
正向电压 Forward Voltag	V	2.7	3.2

典型参数

色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
5700-8000	145-200	/	350
5500-6500	200-260	90	700
3780-4300	255-330	80	700
3300-4250	170-230	90	700
2871-3130	255-295	80	700
2650-3130	170-230	90	700

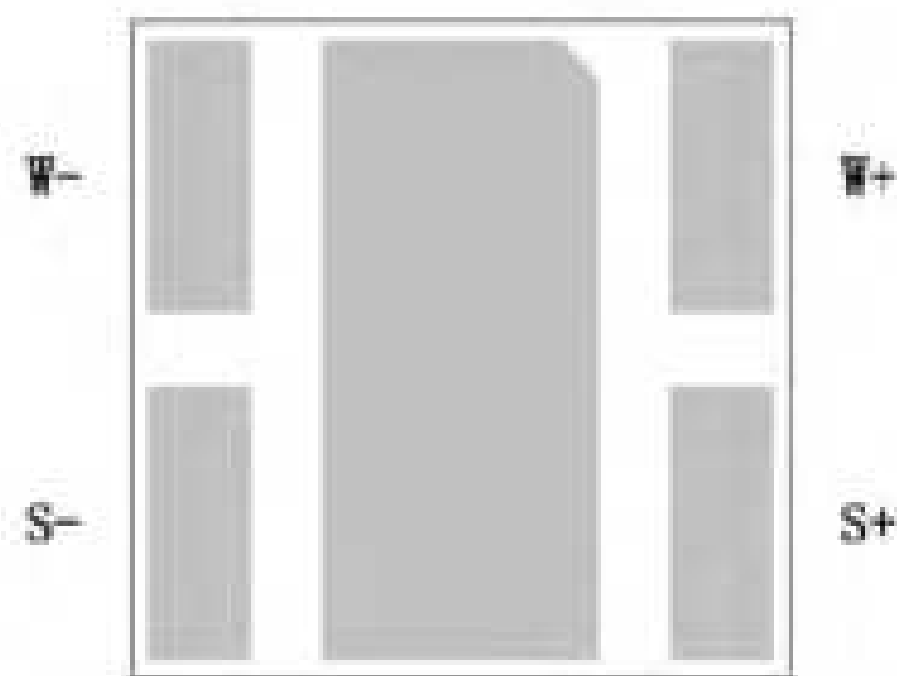
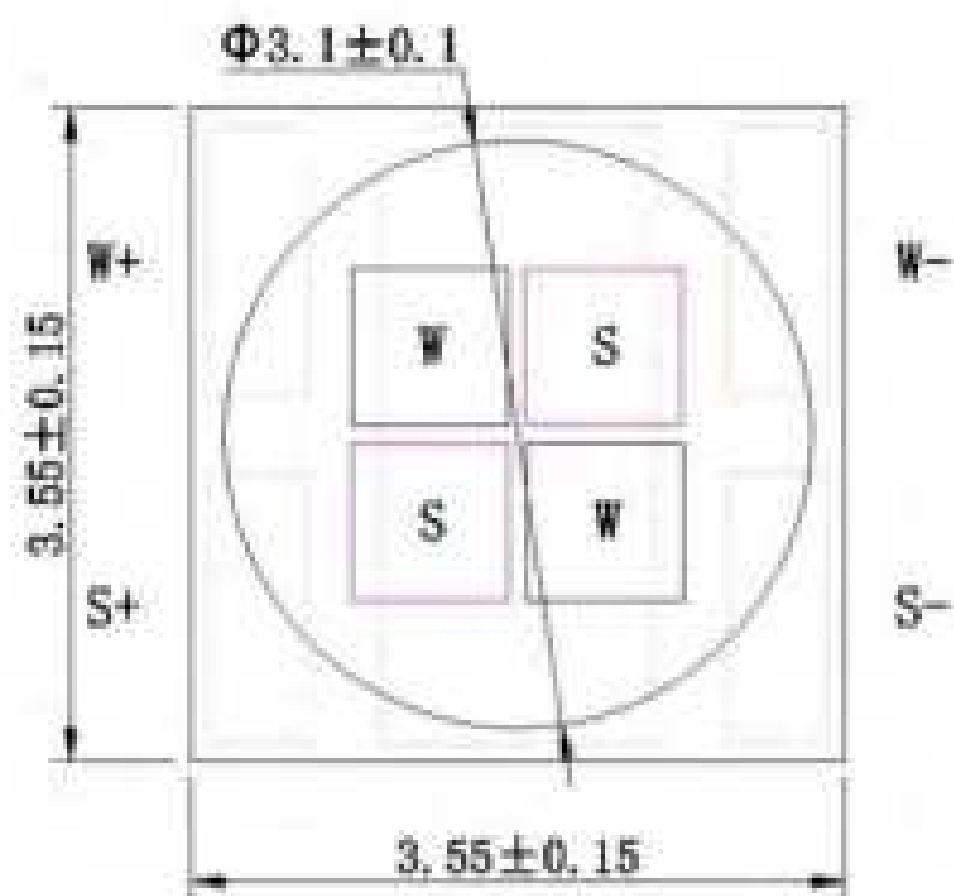
TX-3535(R/G/B/C/M/L/A/W)10

SMD3535 | Colors&White 10Watt



TX-3535WS5

SMD3535 | TunableWhite 5Watt



■ Ceramic PKG, eutectic-bonding, high light-density,
Fast heat conductivity

■ Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

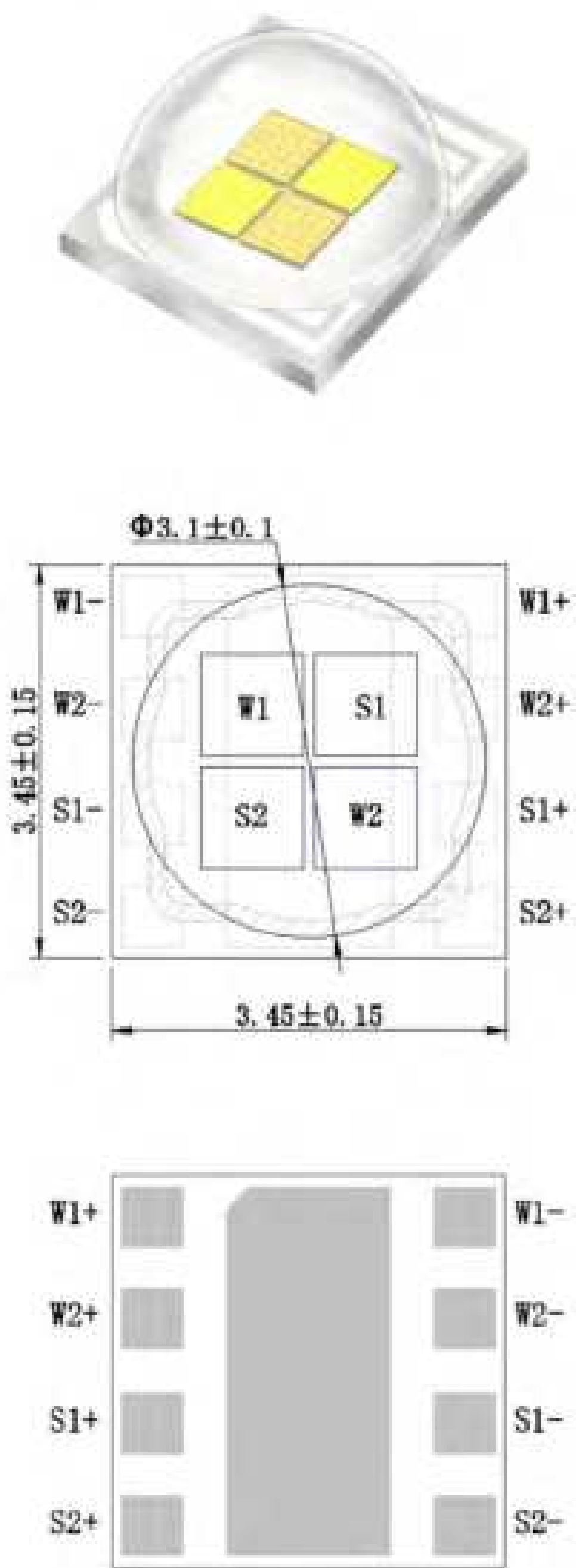
RoHS REACH IEC62741

特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	350	800
正向电压 Forward Voltage	V	5.7	6.1

典型参数			
色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
W:5750-6600	195-240	90	350
S:2600-2800	155-195	90	350

TX-3535WS8

SMD3535 | TunableWhite 8Watt



■ Ceramic PKG, eutectic-bonding, high light-density,
Fast heat conductivity

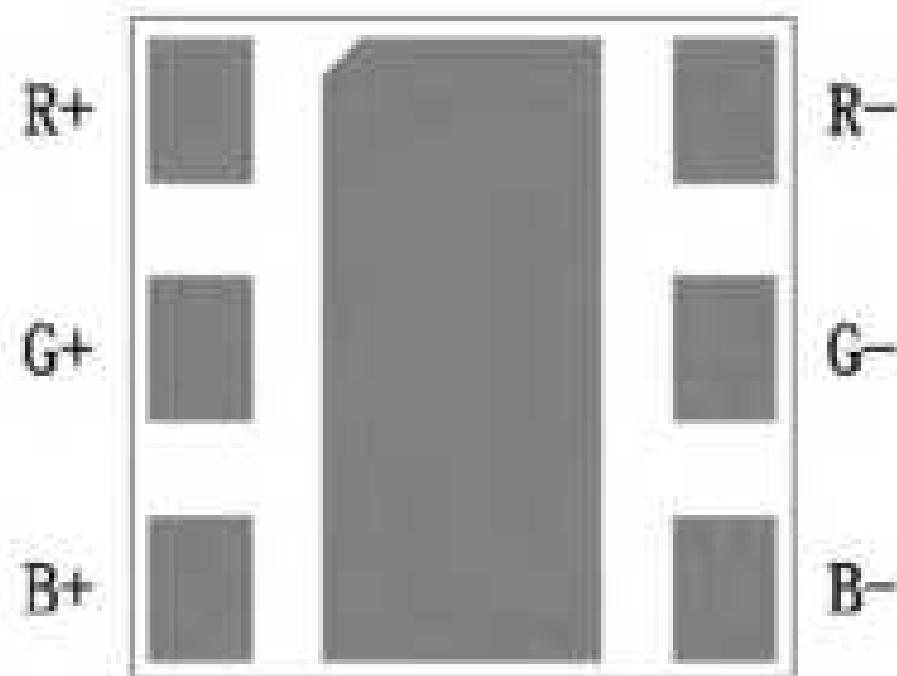
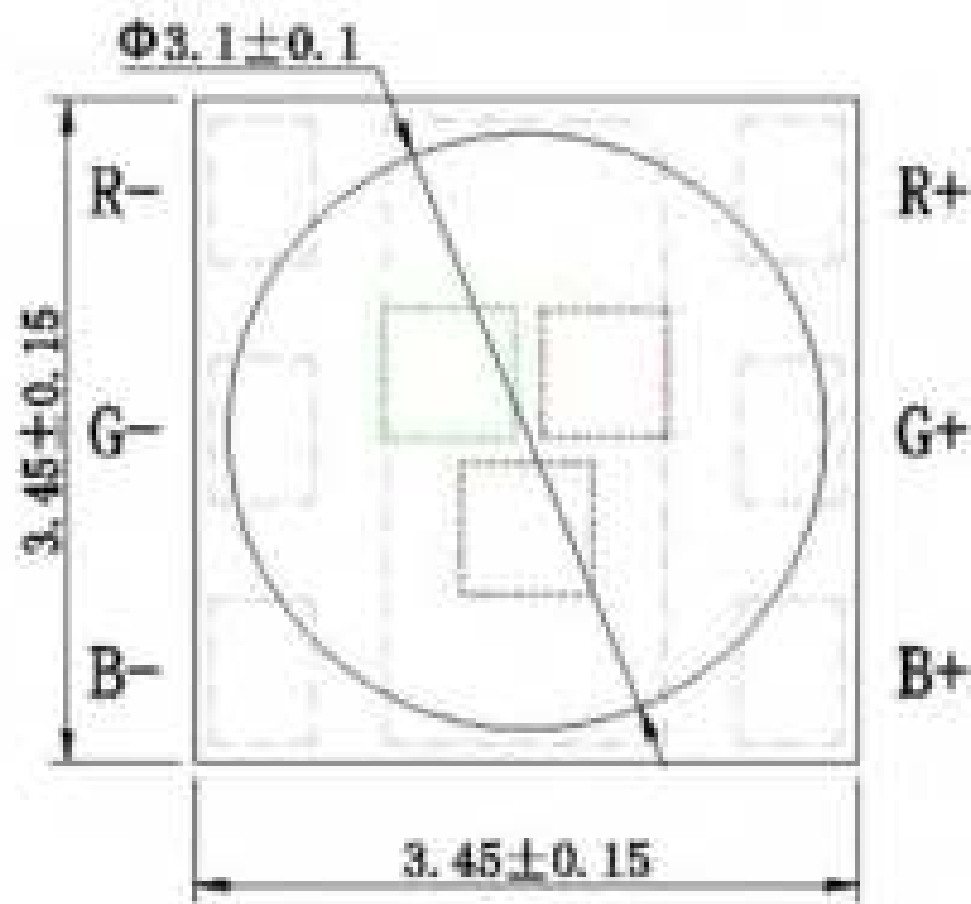
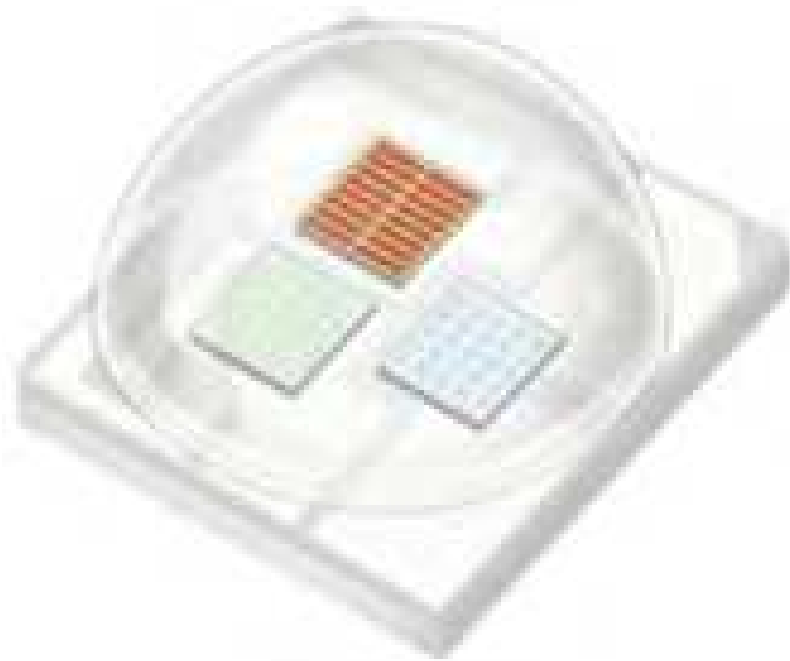
■ Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS	REACH	IEC62741	
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	350*2	800*2
正向电压 Forward Voltag	V	2.9	3.5

典型参数			
色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
W:5750-6600	190-240	90	350*2
S:2600-2800	160-200	90	350*2
W:5000-5700	220-280	80	350*2
S:2100-2300	150-180	80	350*2
W:3950-4500	220-280	80	350*2
S:2130-2270	195-240	80	350*2

TX-3535RGB4

SMD3535 | RGB 4Watt



■ Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity

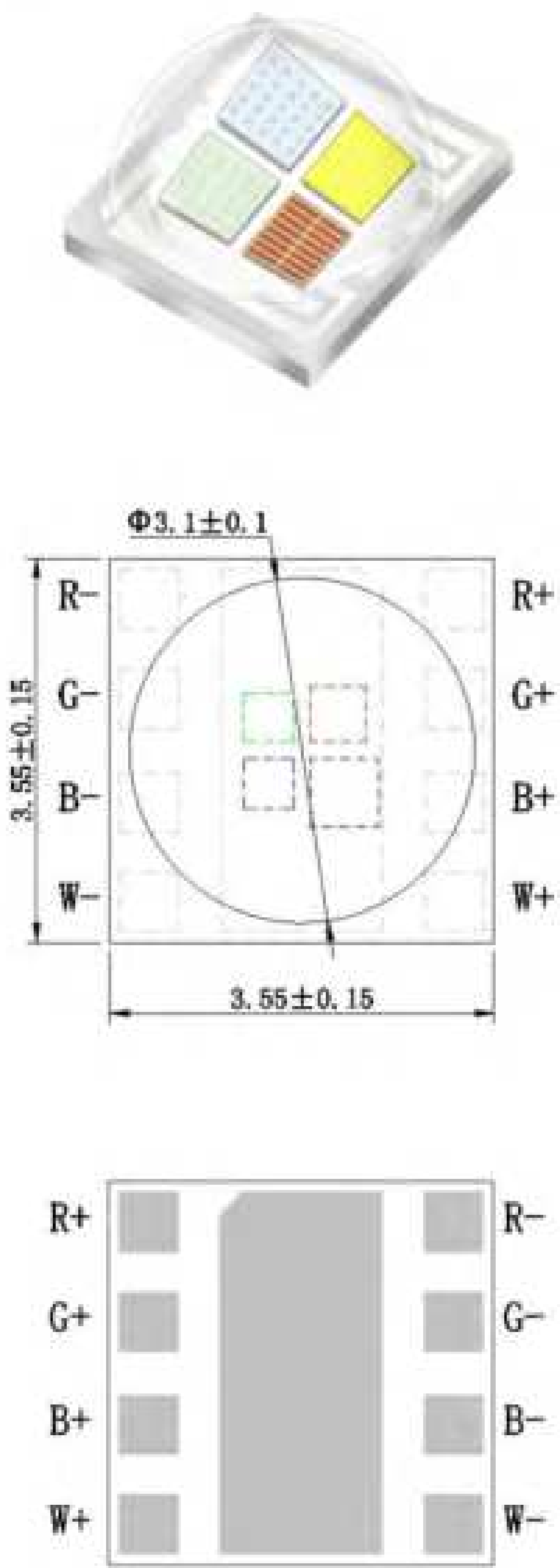
■ Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH IEC62741

典型参数					
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)
红 Red	620-625	50-70	350	500	2.0-2.5
绿 Green	522-532	95-140	350	500	3.0-3.5
深蓝 Royal Blue	450-460	15-30	350	500	3.0-3.5
浅蓝 Light Blue	465-475	28-40	350	500	3.0-3.5

TX-3535RGBW/S2

SMD3535 | RGBW 2Watt

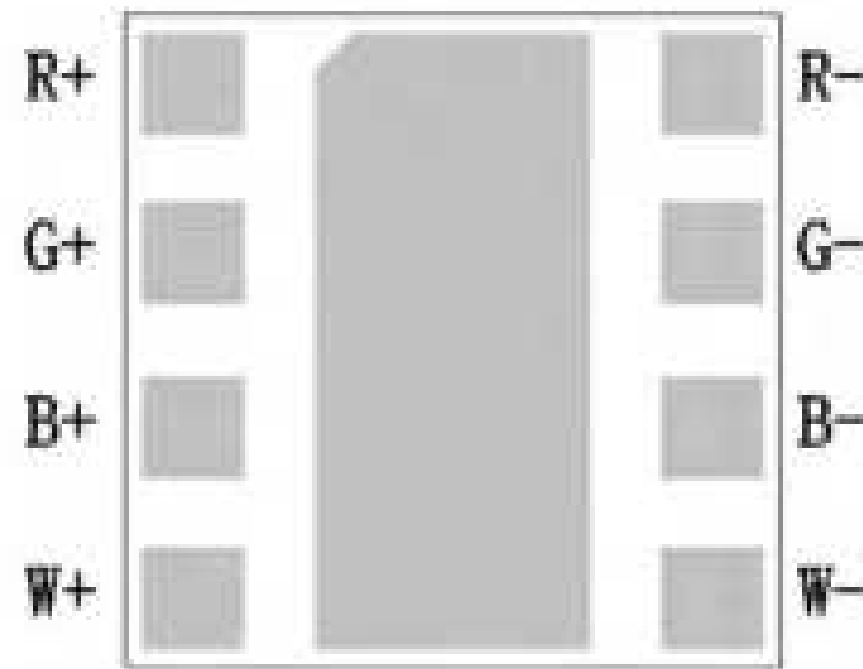
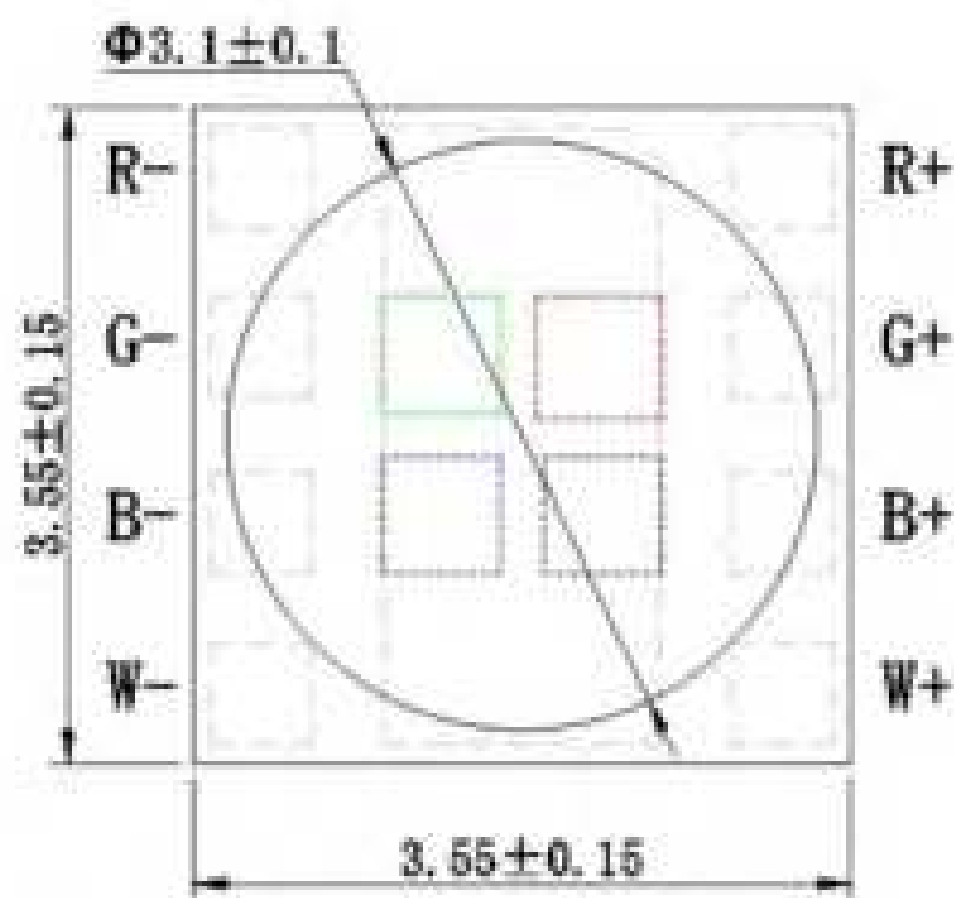


■ Ceramic PKG, eutectic-bonding, high light-density,
Fast heat conductivity

■ Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS	REACH	IEC62741				
典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
红 Red	620-625	18-32	150	200	2.1-2.4	/
绿 Green	522-532	35-55				

TX-3535RGBL/A/W/S 4
SMD3535 | RGBW 4Watt



TX-3535RGBL/W/S8
SMD3535 | RGBW 8Watt

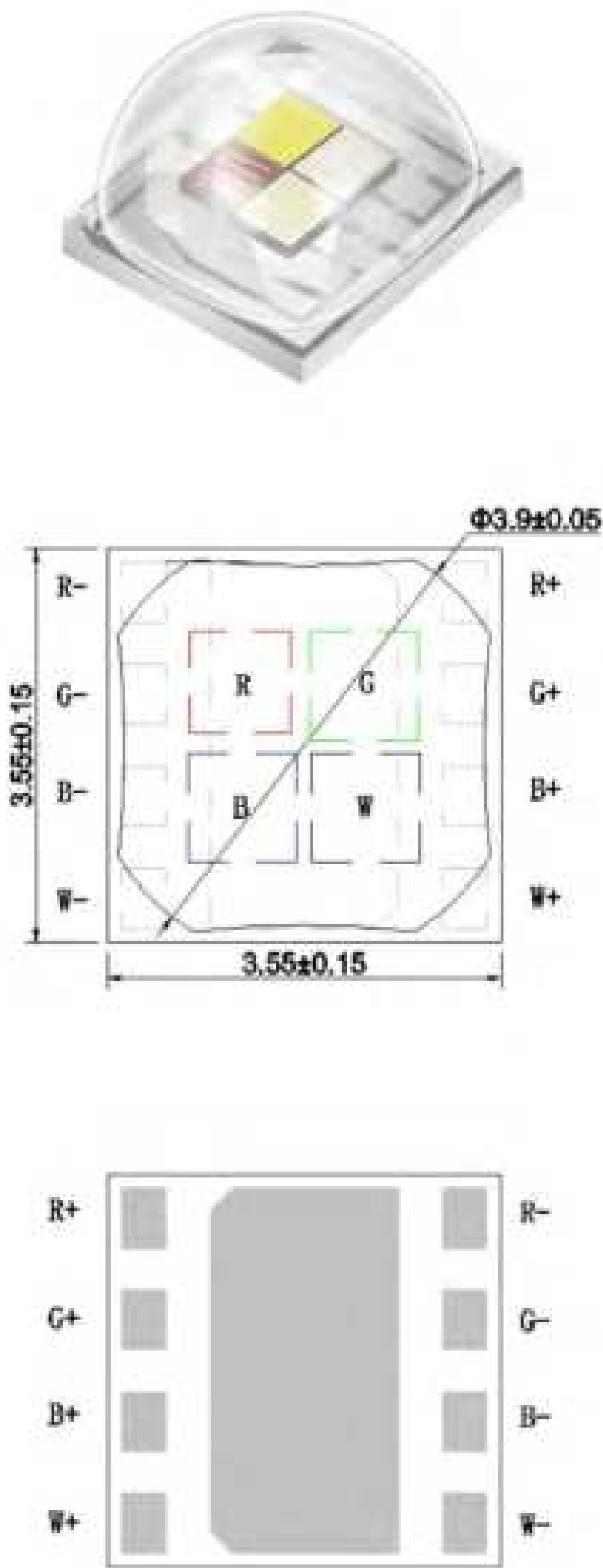


- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH IEC62741

典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
红 Red	620-625	82-100	500	800	2.0-2.5	/
绿 Green	522-532	130-175	500	800	2.9-3.4	/

TX-3535RGBL/W/S10
SMD3535 | RGBW 10Watt



- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

TX-3535RGB2/4

SMD3535 | RGB 2/4Watt

- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
- Stable, good Air-tightness for tough conditions

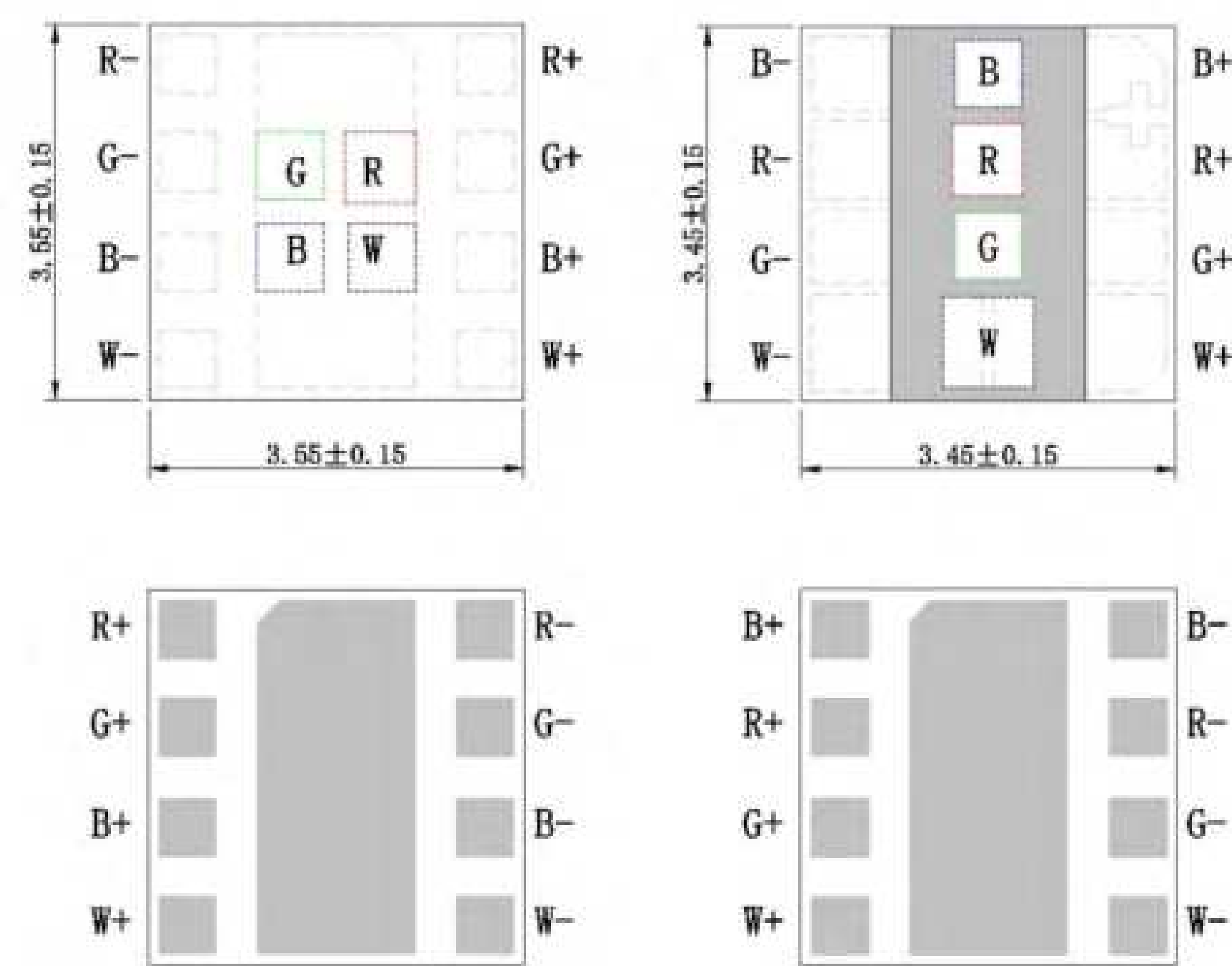
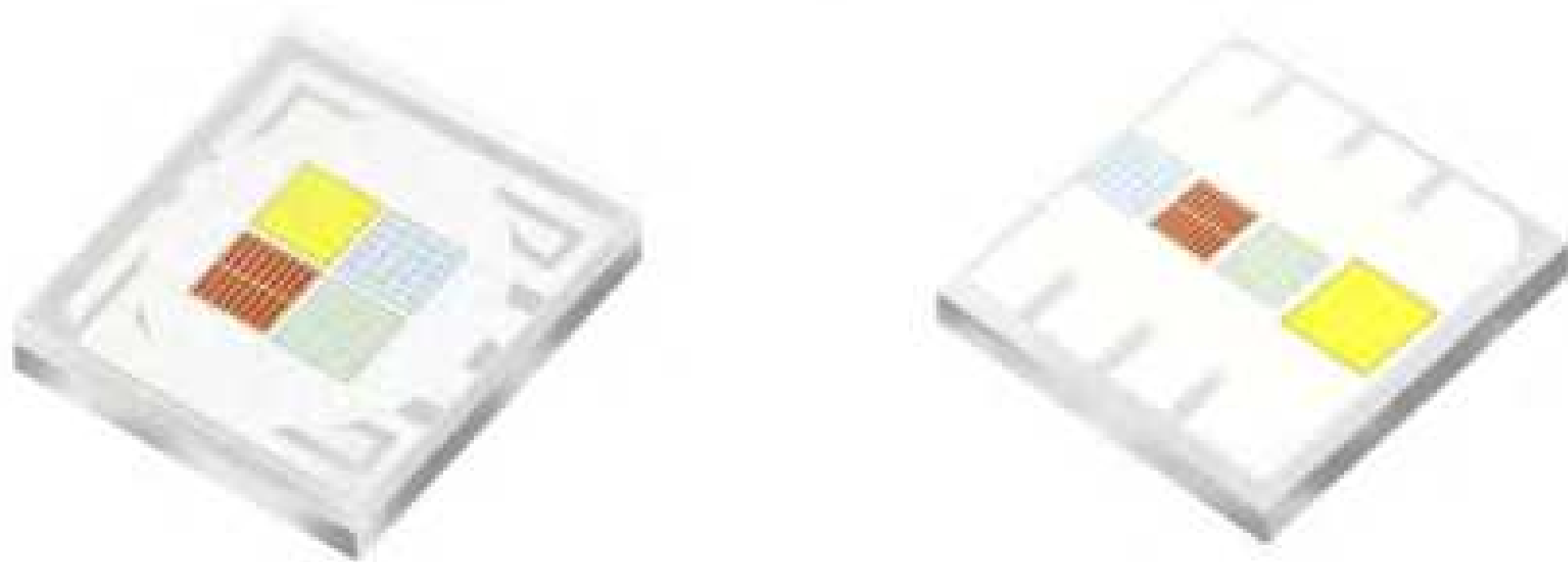
RoHS REACH IEC62741

典型参数 2W

颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)
红 Red	620-625	18-30	200	200	1.9-2.4

TX-3535RGBW/S4

SMD3535 | RGBW 4Watt



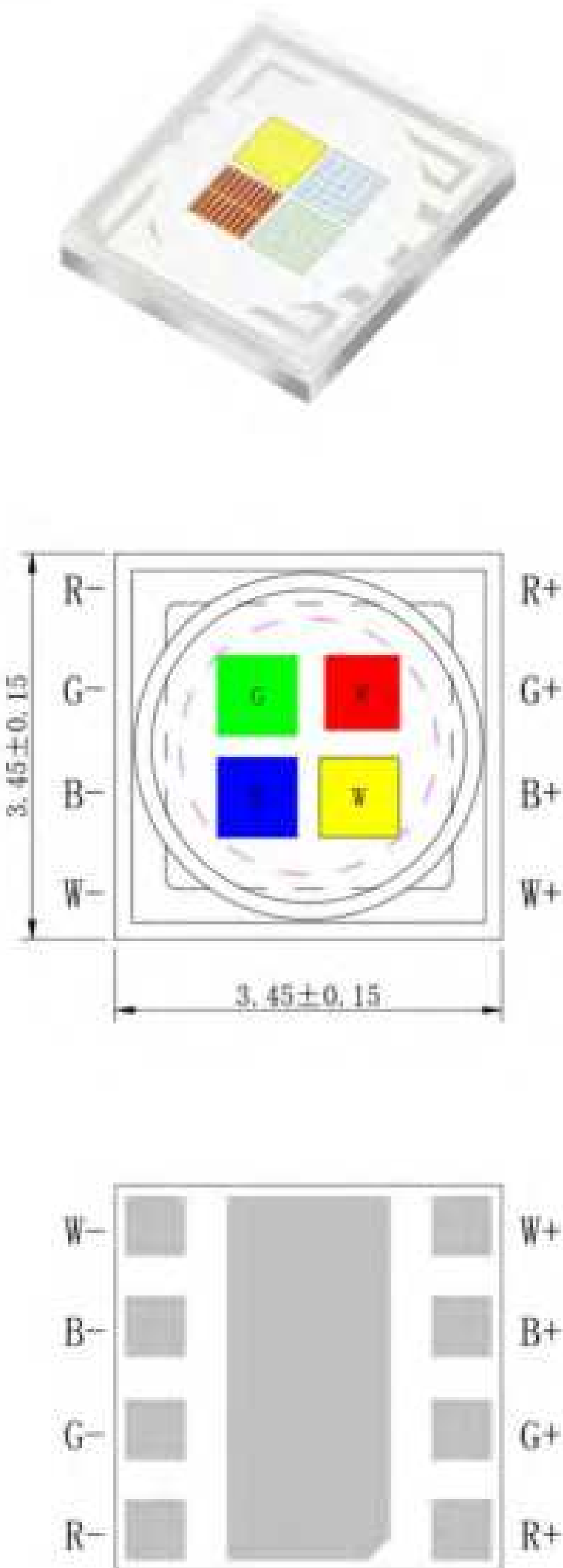
- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
- Stable, good Air-tightness for tough conditions

RoHS REACH IEC62741

典型参数			
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TX-3535RGBW/L8

陶瓷基系列LED (四色平面)

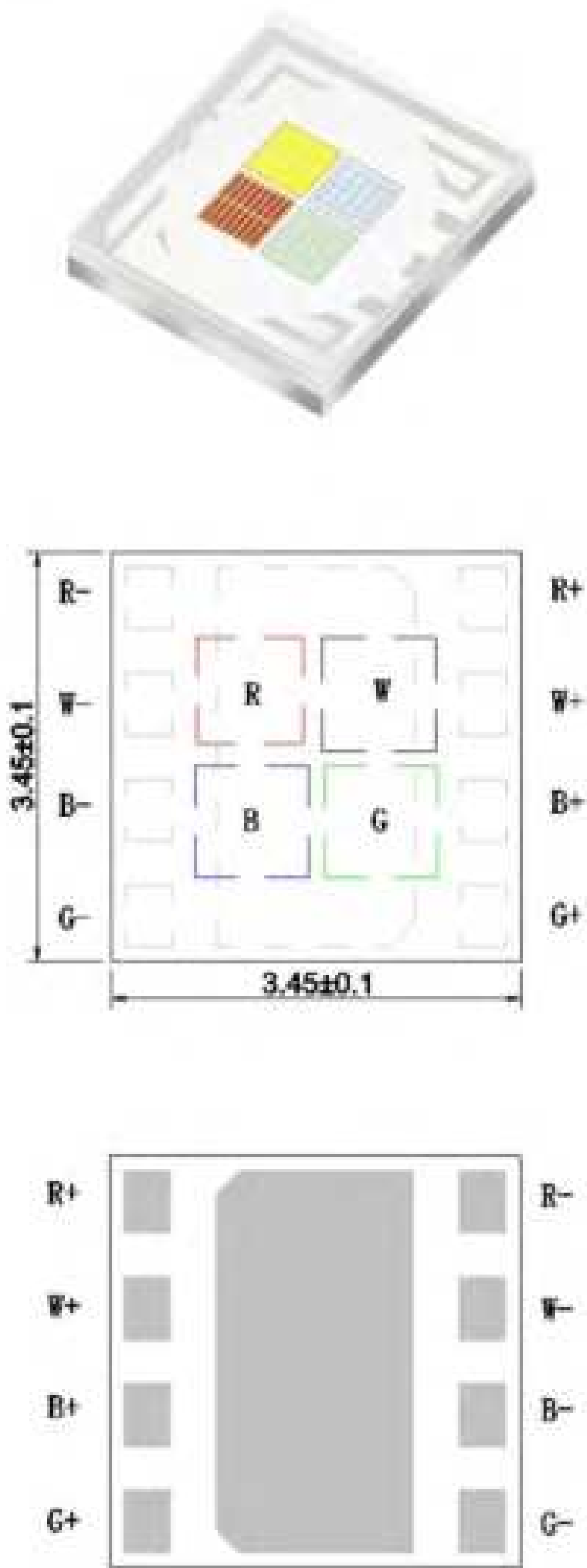


RoHS REACH IEC62741

典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
红 Red	620-625	40-60	500	600	2.0-2.7	/
绿 Green	523-530	80-150	500	800	2.7-3.6	/
蓝 Blue	453-458	10-30	500	800	2.8-3.6	/
正白 White	6500-7500K	125-175	500	800	2.8-3.6	/
柠檬 Lemon						

TX-3535RGBA/W/S10

SMD3535 | RGBW 10Watt

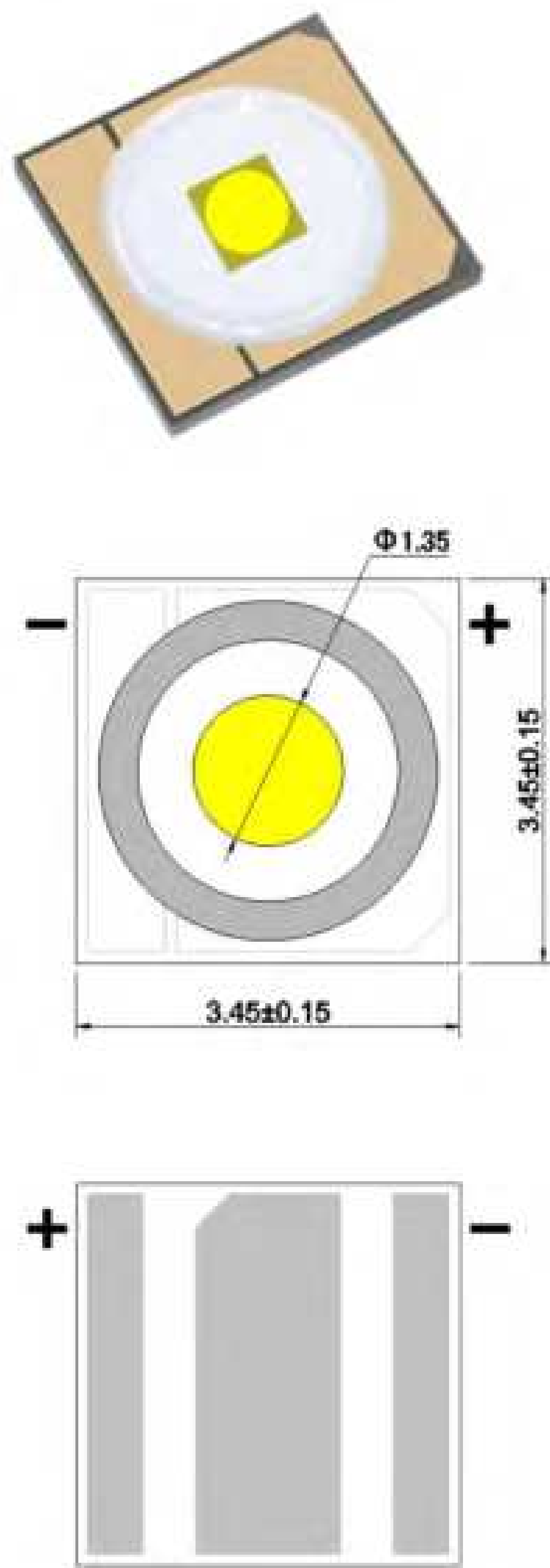


- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
- Stable, good Air-tightness for tough conditions

RoHS REACH I

TX-3535(L/A/W)12

SMD3535 | White 12Watt



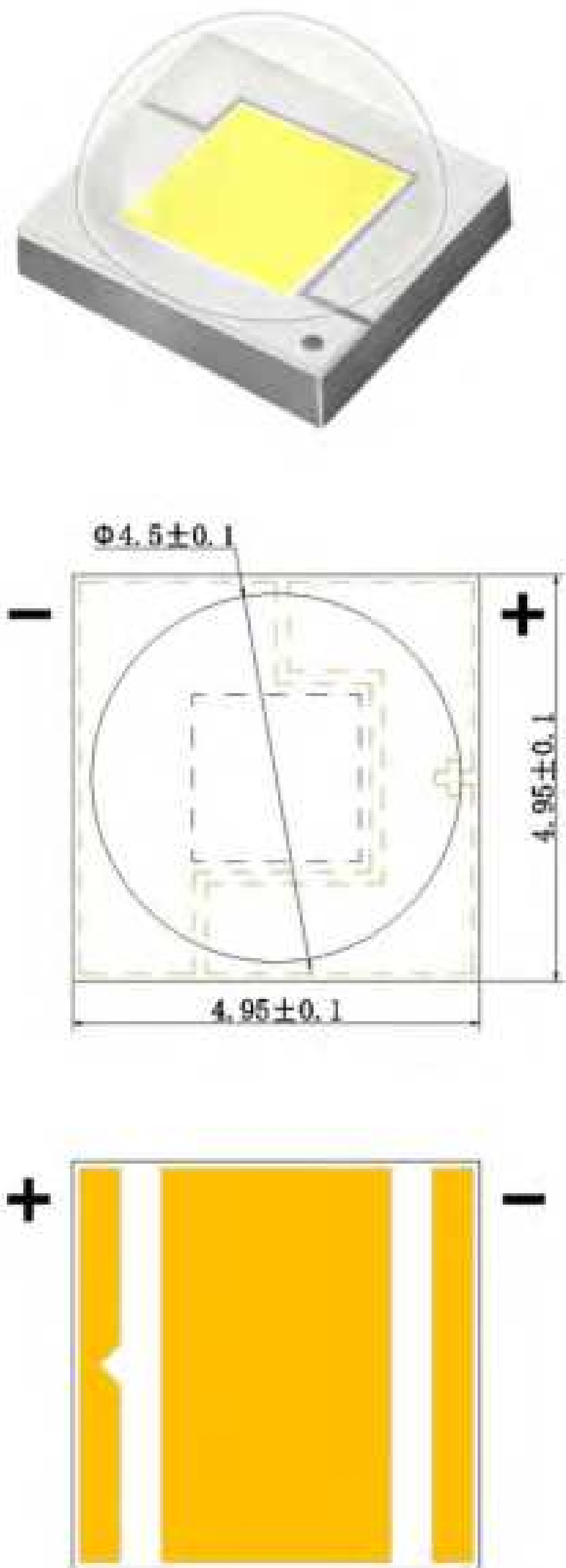
- Ceramic PKG, eutectic-bonding, high light-density, Fast heat conductivity
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions

RoHS REACH

典型参数						
颜色 Color	主波长 DWL(nm)	光通量 Lumen(lm)	典型电流 Typ. IF (mA)	最大电流 Max. IF (mA)	正向电压 Voltage(V)	显指 (Ra)
柠檬 Lemon	4030-4280K (565-568nm)	480-630	1000	4000	2.9-3.2	/
柠檬 Lemon	5400-5900K (549-552nm)					

TX-5050W15

SMD5050 | White 15Watt



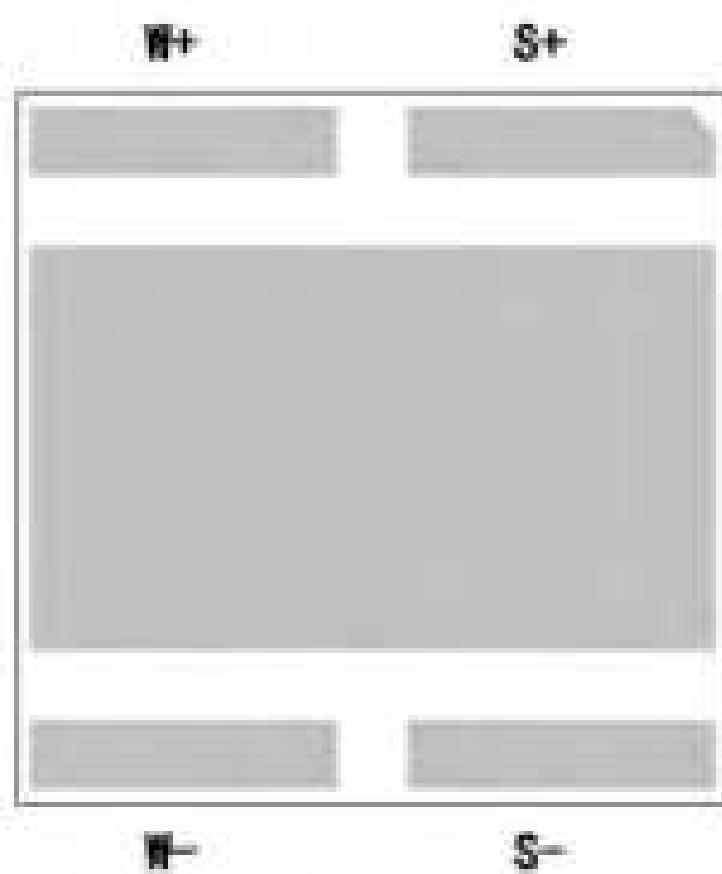
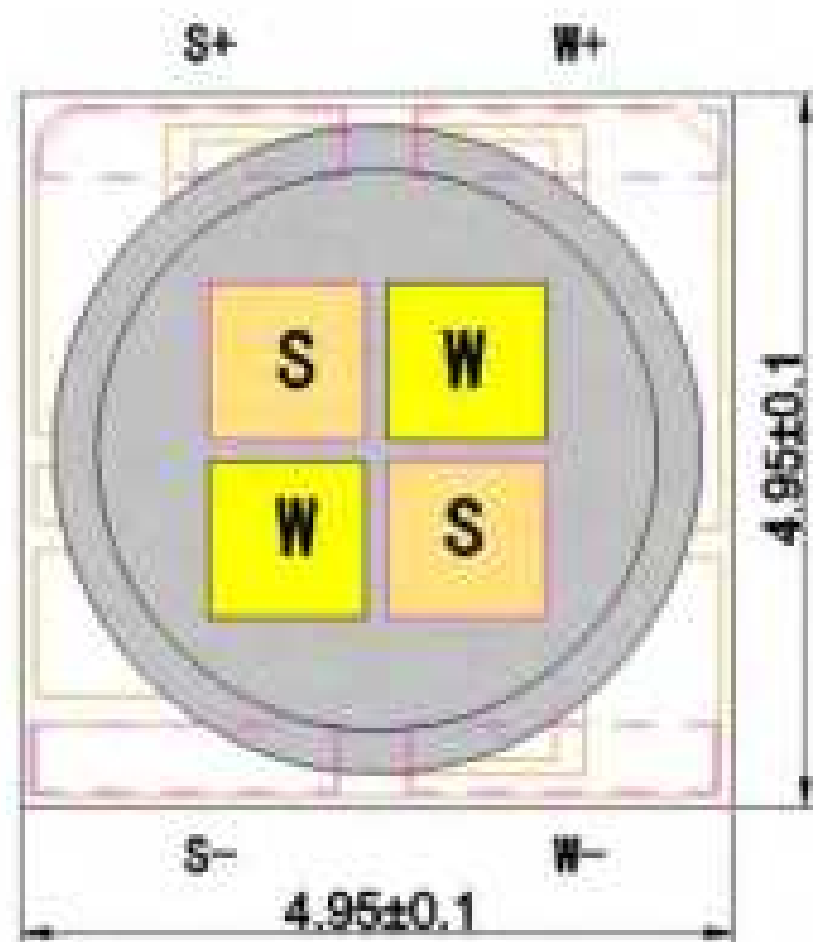
- Compact Power LEDs, with single LED DIE;
- Vertical Chips, higher thermal conductivity, easy light collection
- Ceramic PKG, eutectic-bonding, thermal-electric isolation, Fast heat conductivity

RoHS		REACH	
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	700	5000
正向电压 Forward Voltage	V	2.9	3.3

典型参数			
色温 CCT(K)	光通量 Lumen(Lm)	显指 Ra	电流 Current(mA)
5700-6500</			

TX-5050WS10

SMD5050 | TunableWhite 15Watt

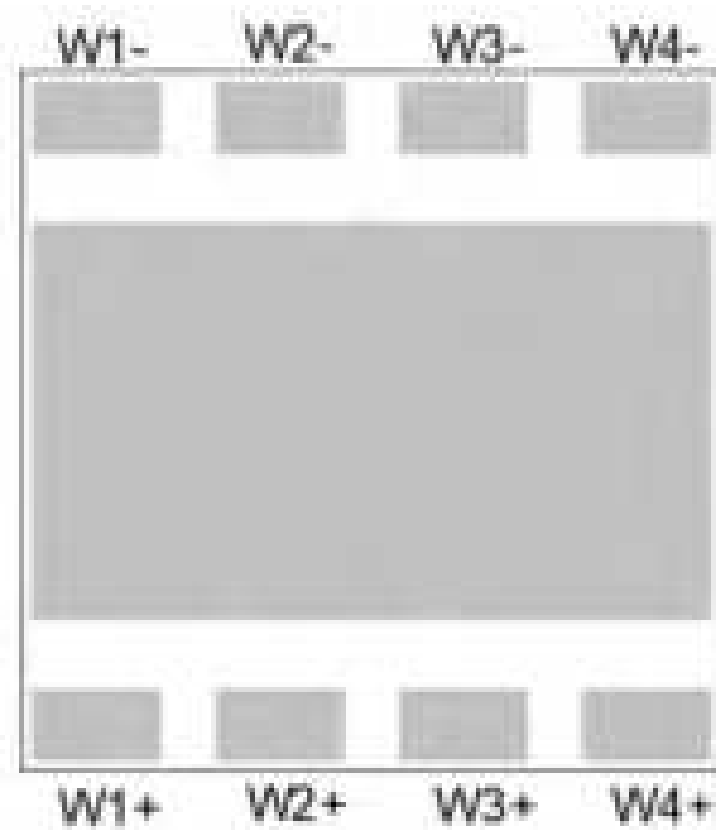
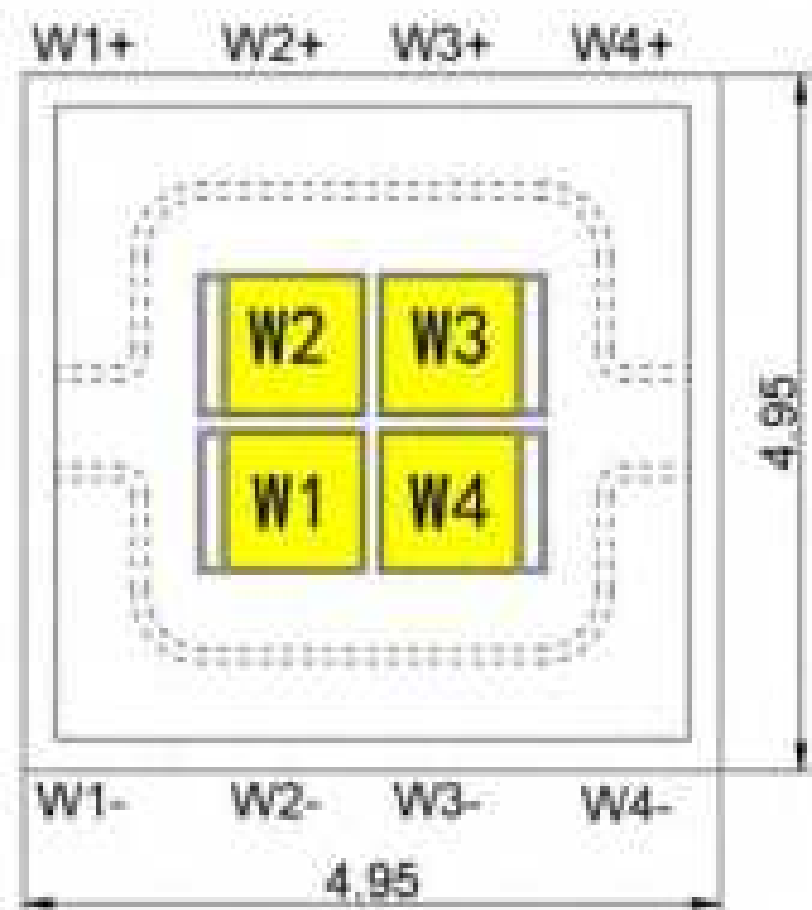
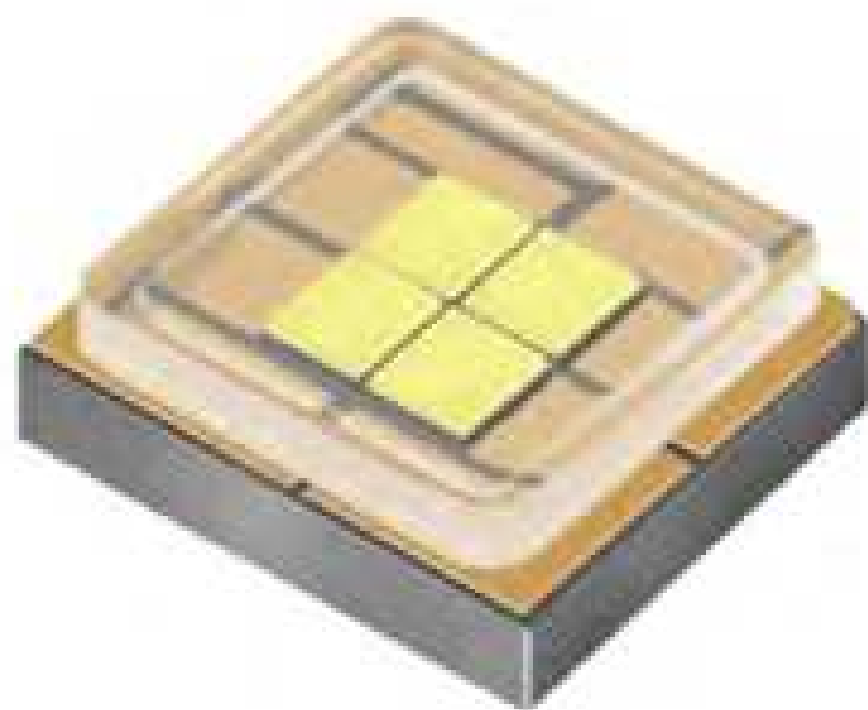


- Compact Power LEDs, with single LED DIE;
- Vertical Chips, higher thermal conductivity, easy light collection
- Ceramic PKG, eutectic-bonding, thermal-electric isolation, Fast heat conductivity

RoHS		REACH	
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	700	1200
正向电压 Forward Voltage	V	6.0	6.4

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TX-5050W40

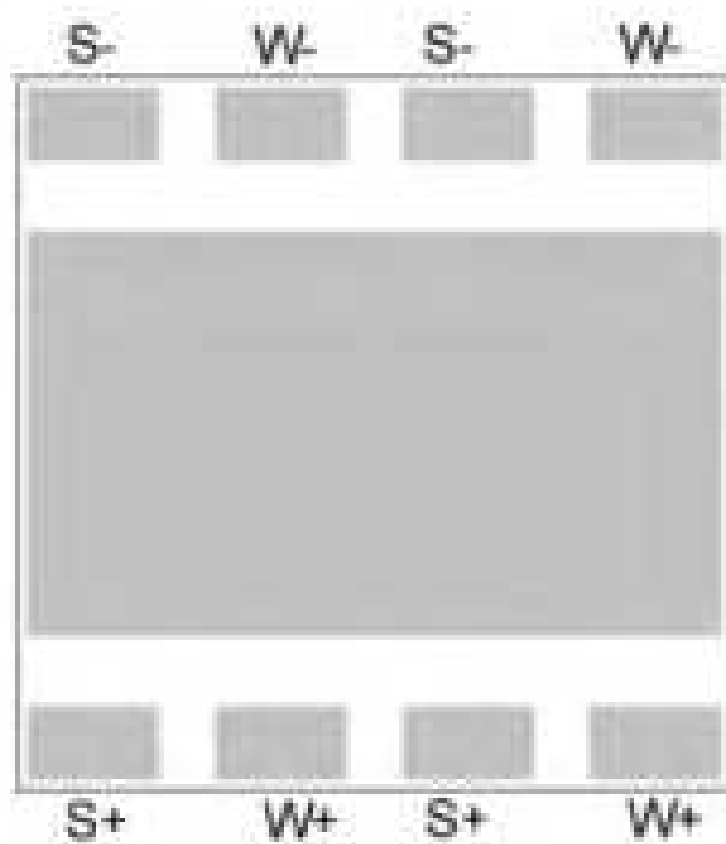
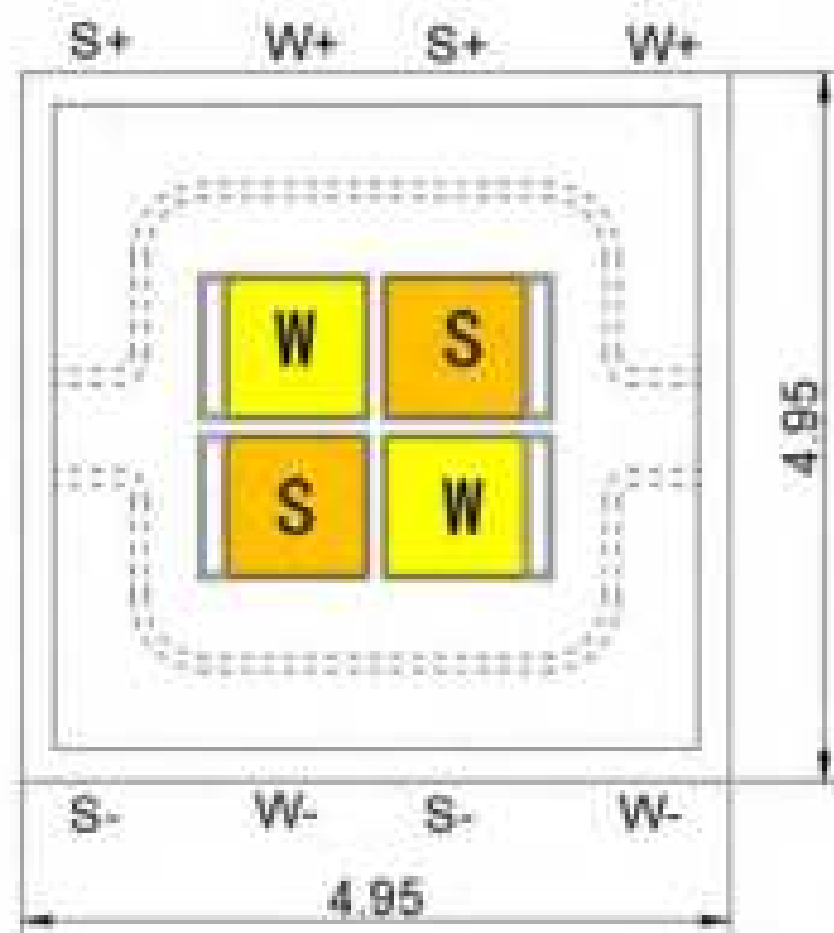
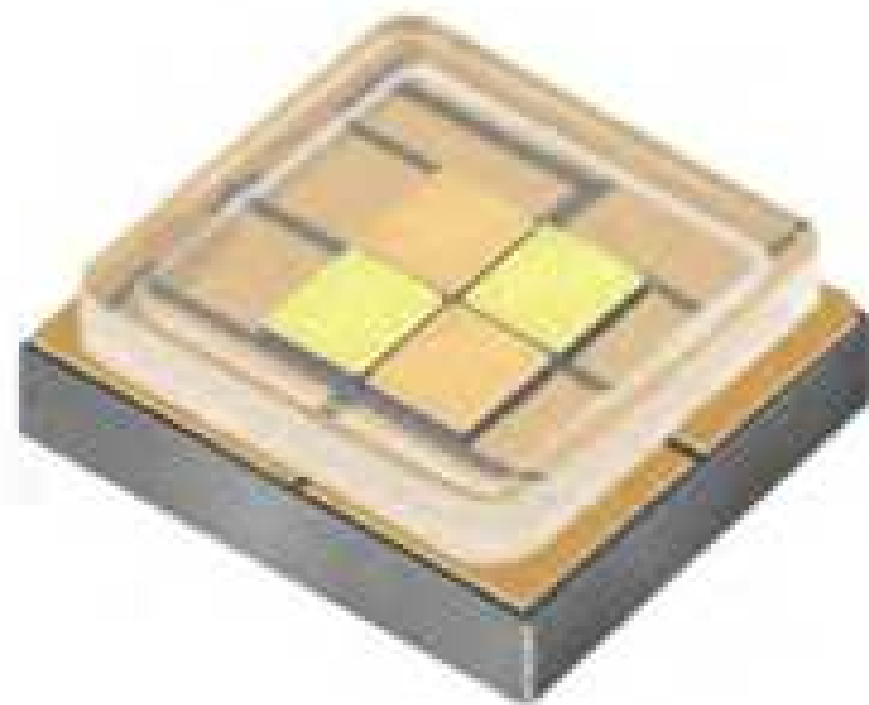


- Compact high power LEDs;
- Eutectic-bonding, thermal-electric isolation,fast heat conductivity;
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions;
- Anti-UV glass Lens
Strong anti-aging ability, excellent light transmission.

RoHS REACH

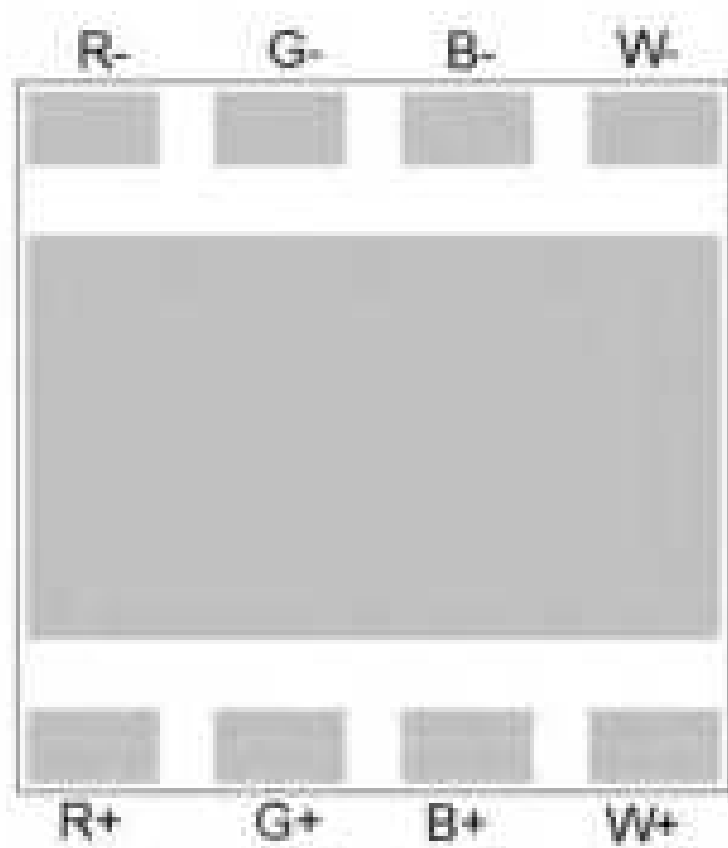
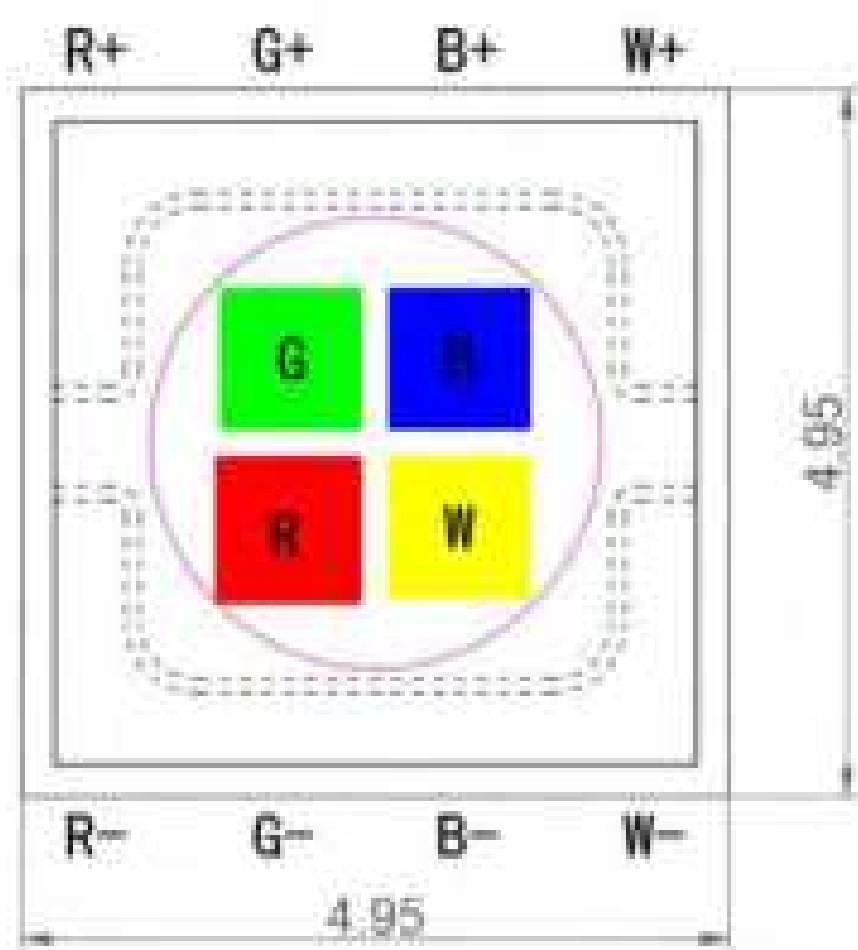
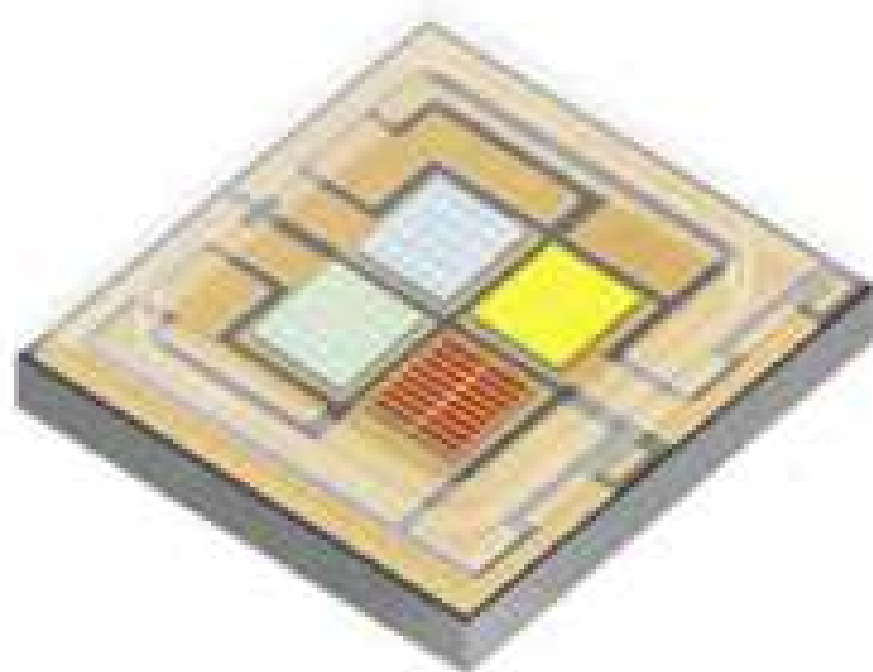
特性 Characteristics	单位 Unit	典型 Typical	最大 MAXIMUM
发光角度 Viewing Angle (FWHM)	度 degree	120	
直流正向电流 DC Forward Current	mA	2500*4	3200*4
正向电压 Forward Voltag	V	2.8	3.6

TX-5050WS30



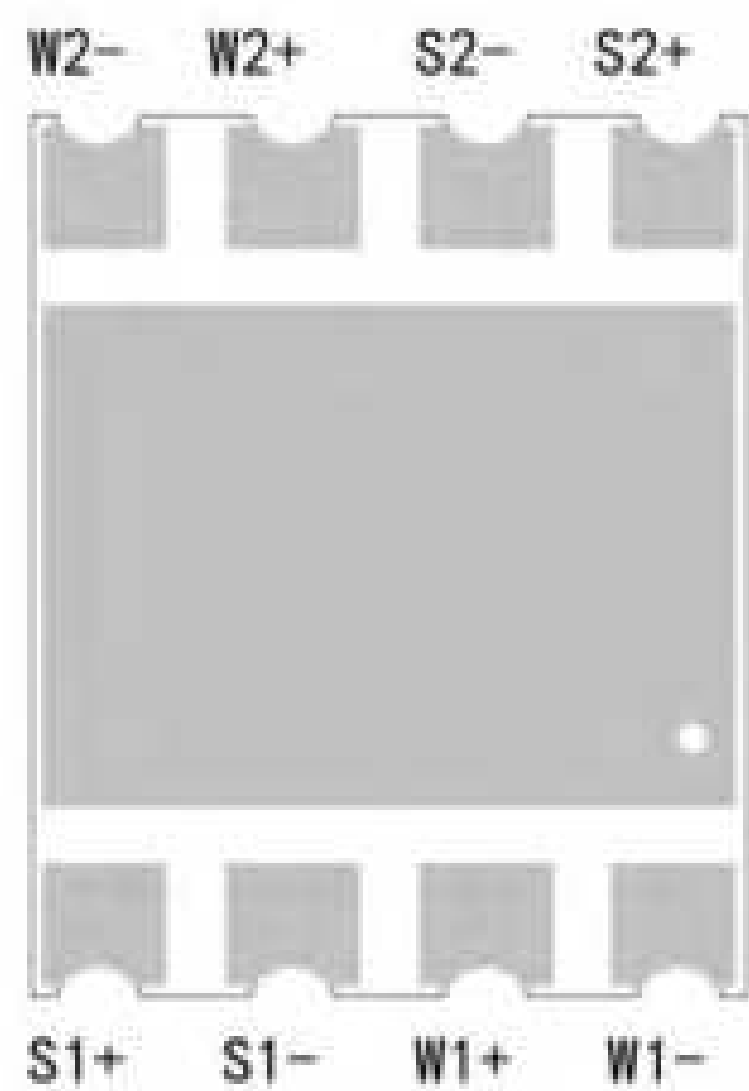
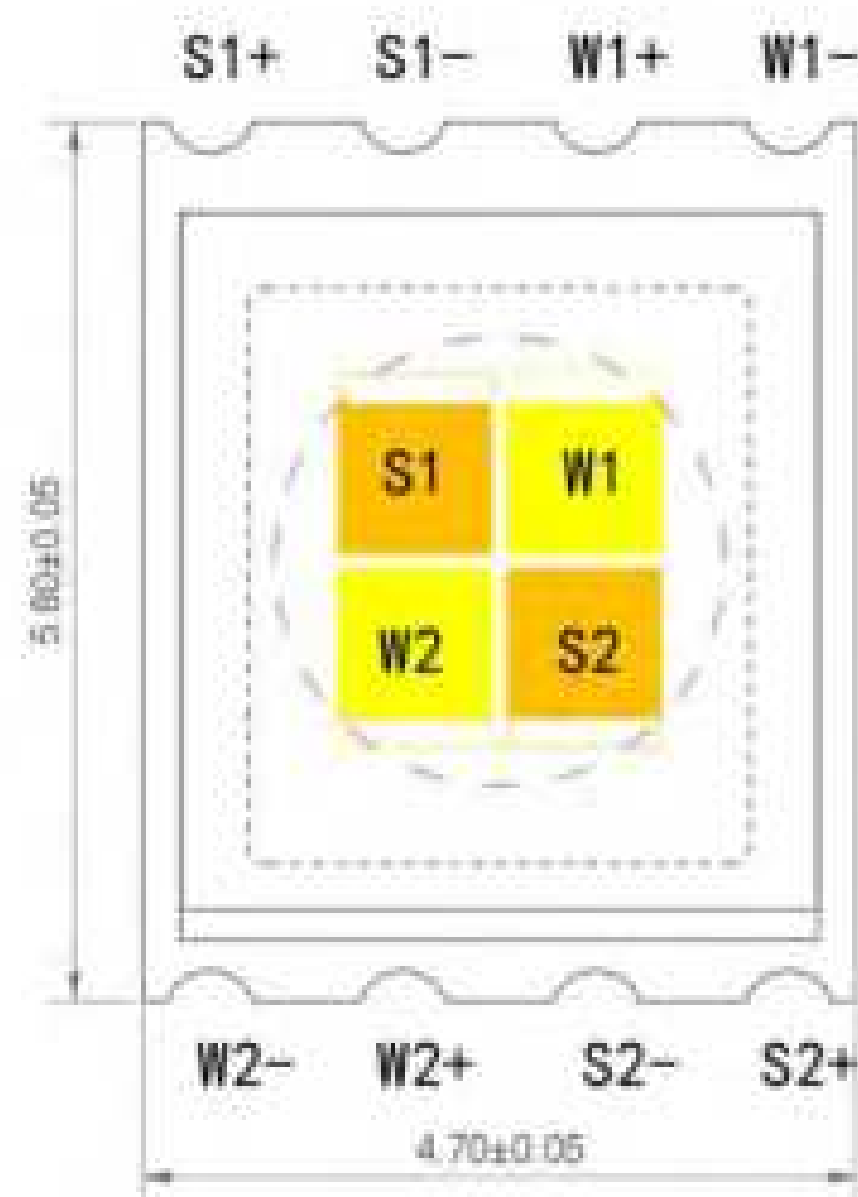
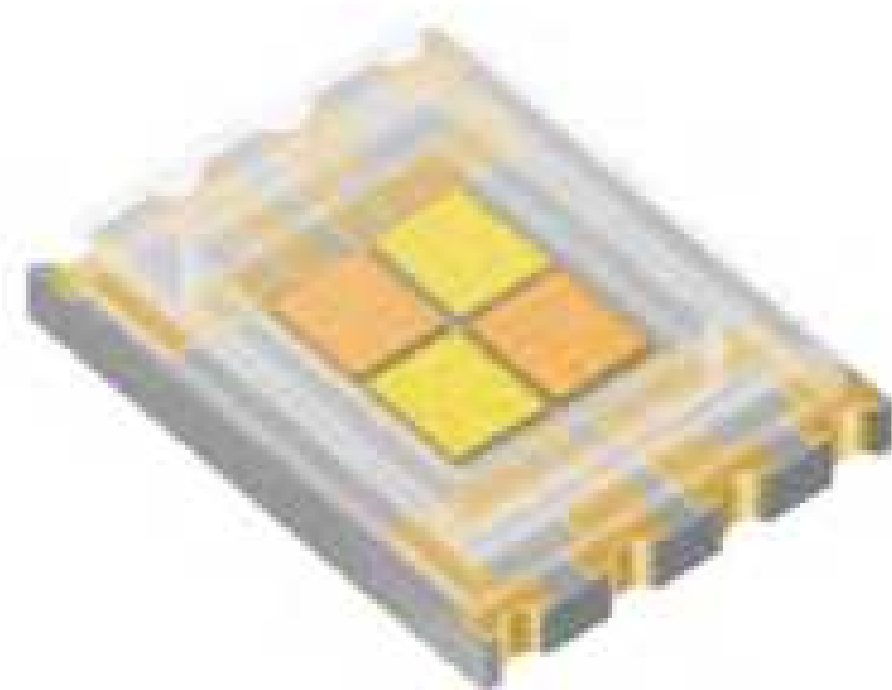
- Compact high power LEDs;
- Eutectic-bonding, thermal-elect

TX-5050RGBW/S15

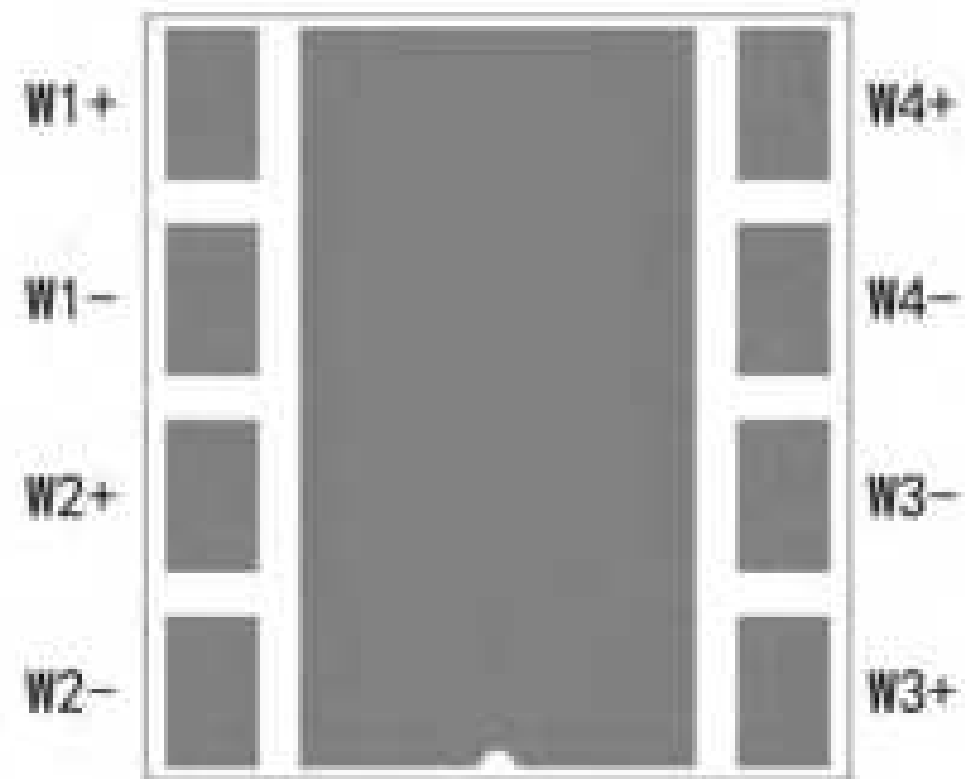
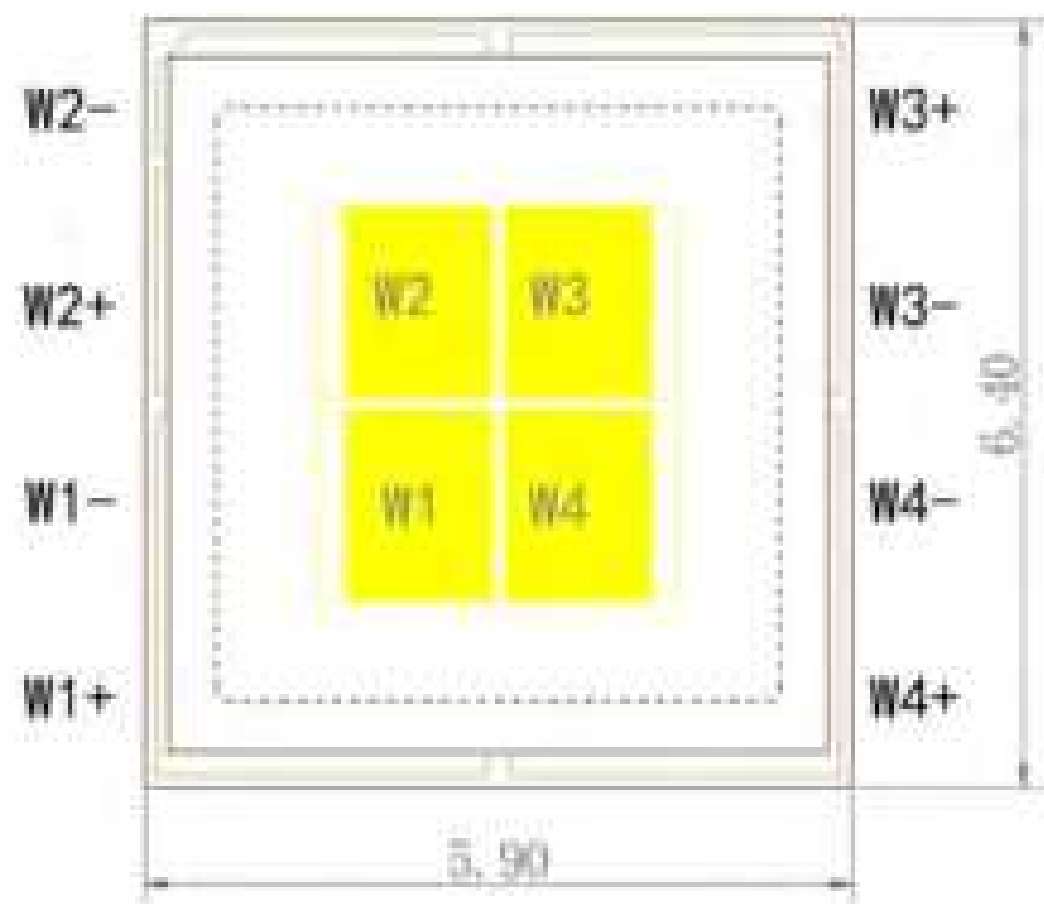
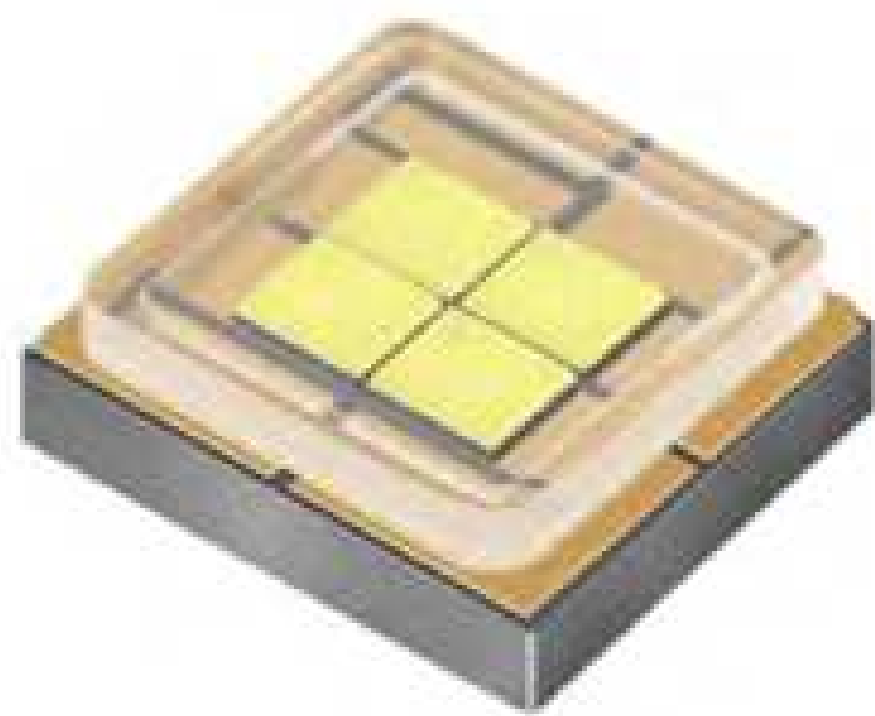


- Compact high power LEDs;
- Eutectic-bonding, thermal-electric isolation,fast heat conductivity;
- Less Relative expansion coefficient

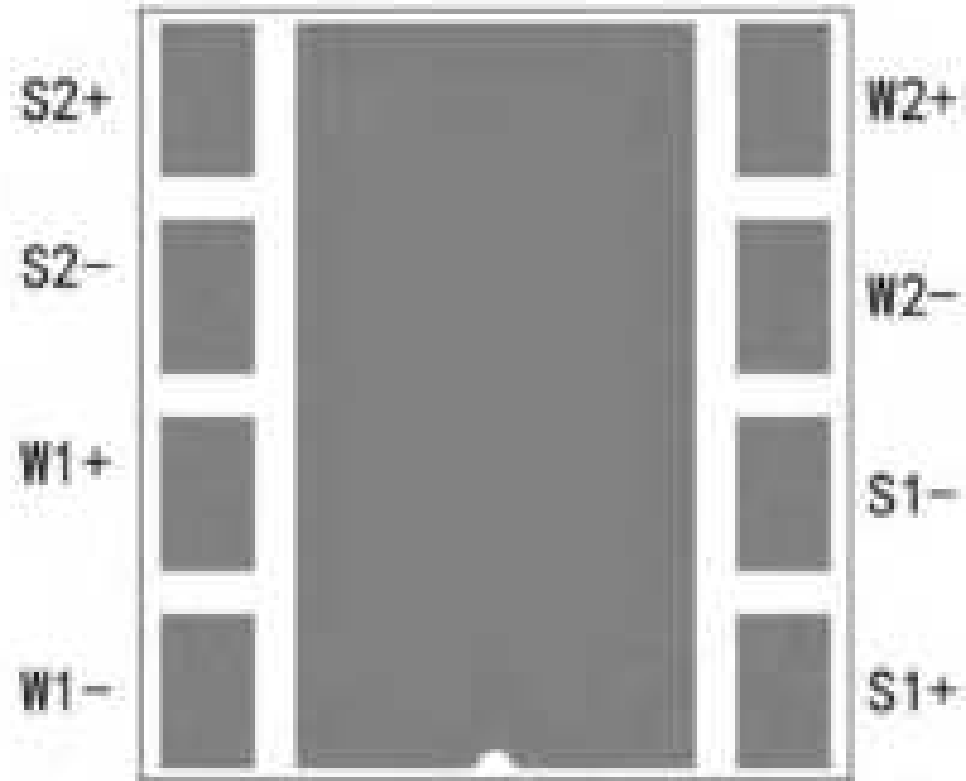
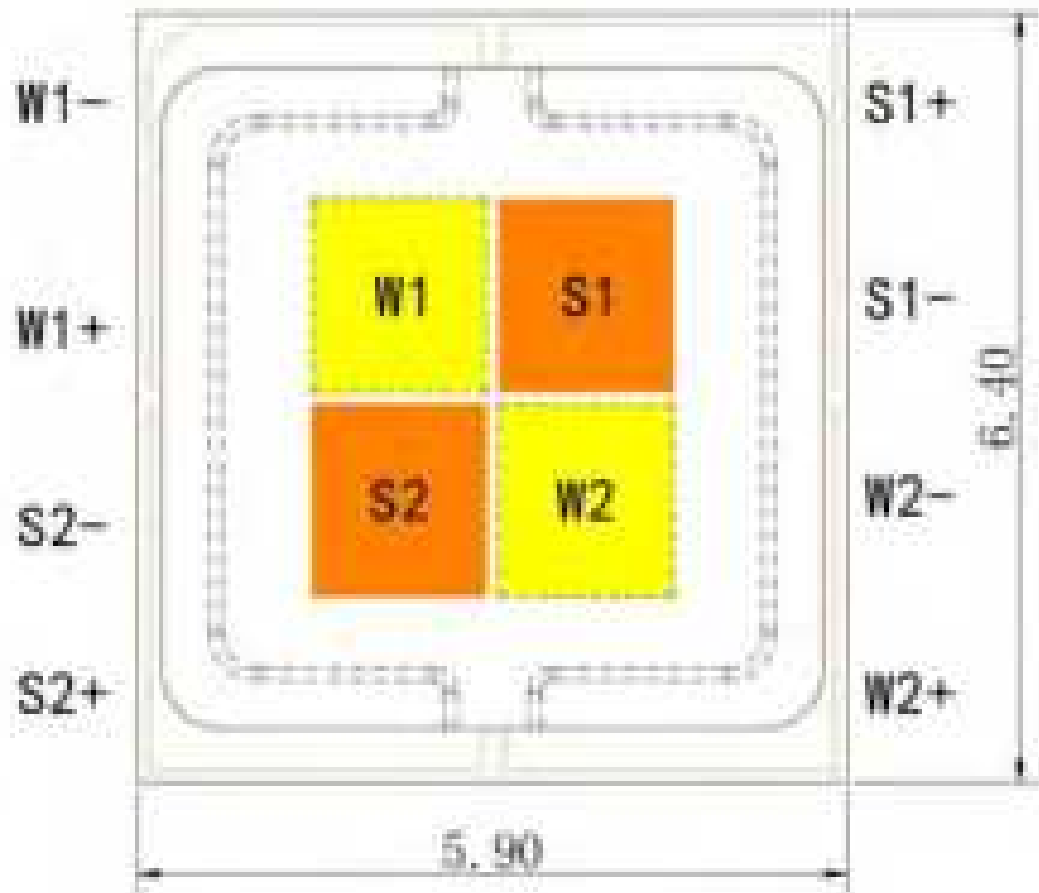
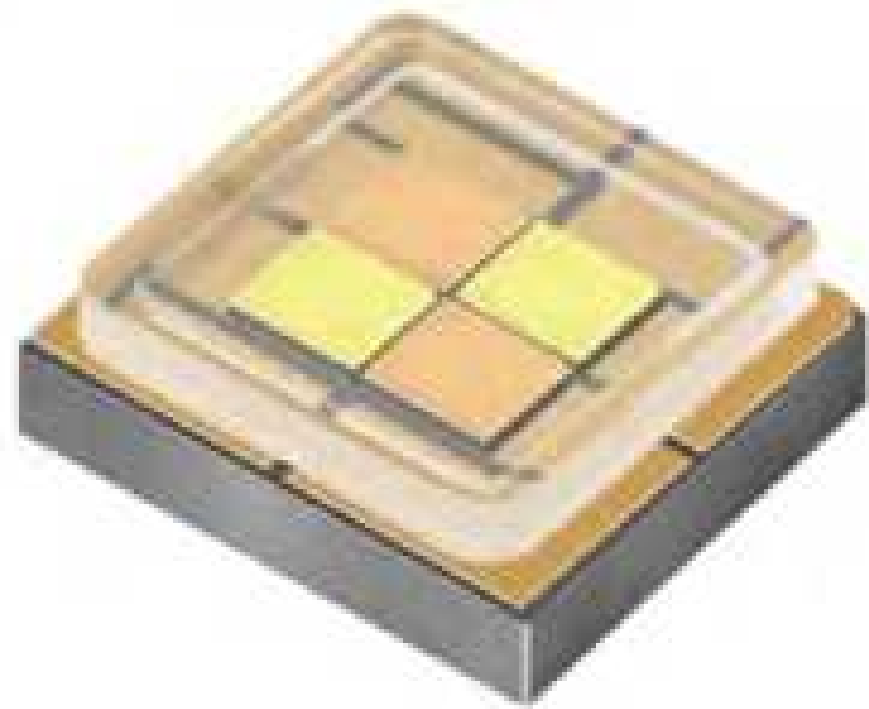
TX-5060WS30



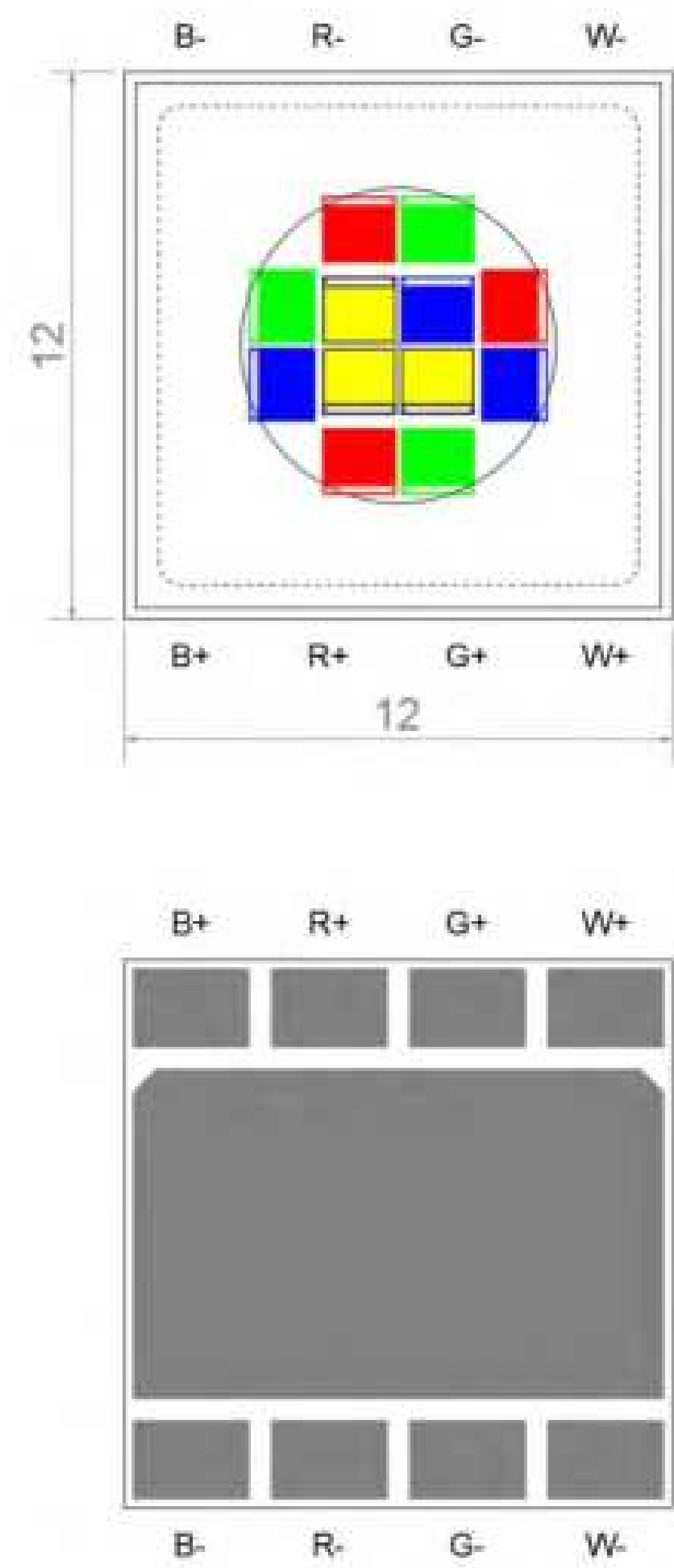
TX-6065W60



TX-6065WS60

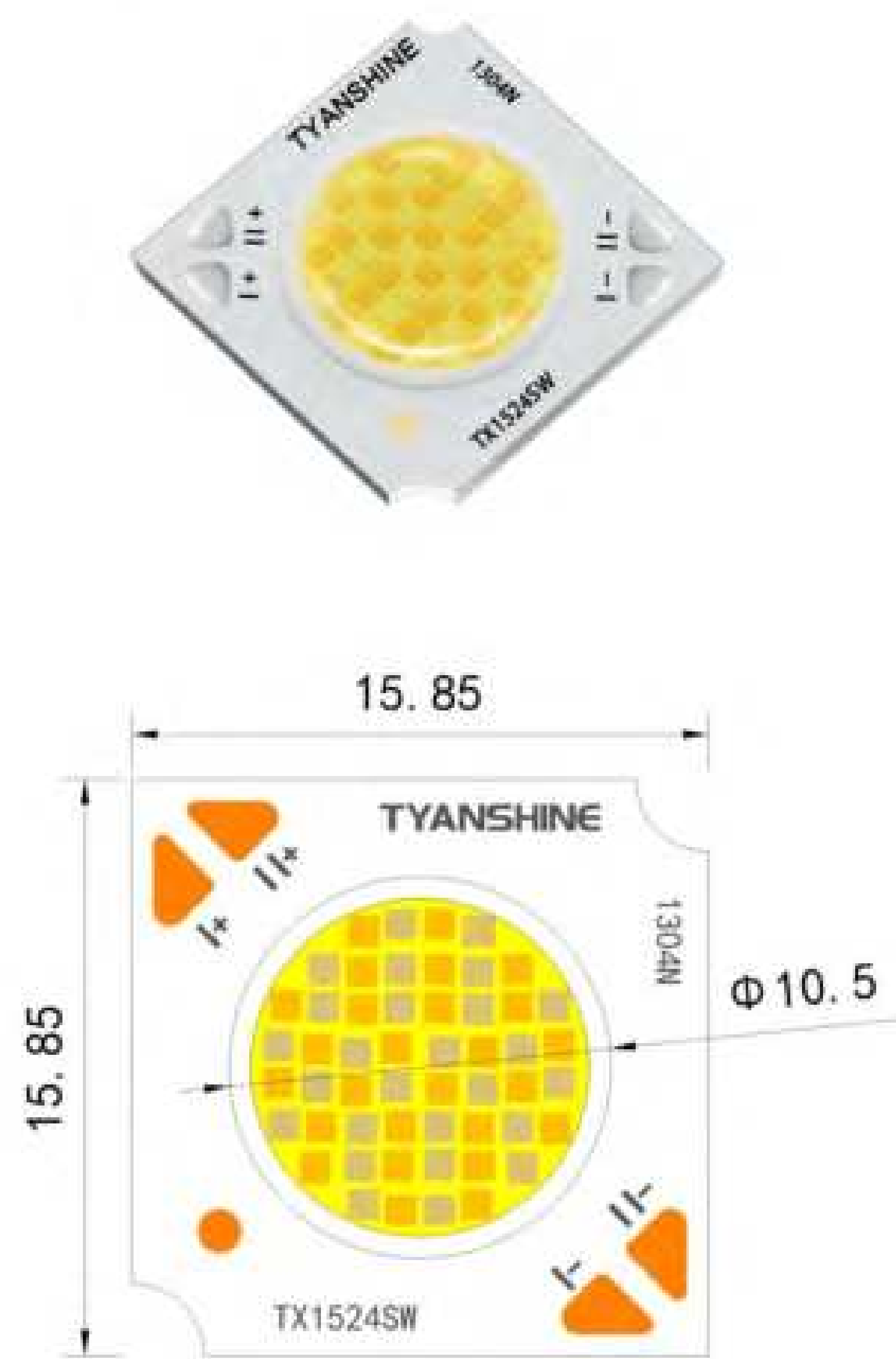


TX-1212RGBL/W180



- Compact high power LEDs;
- Eutectic-bonding, thermal-electric isolation,fast heat conductivity;
- Less Relative expansion coefficient
Stable, good Air-tightness for tough conditions;
- Anti-UV glass Lens
Strong anti-aging ability, excellent

TX-1524SW(2700-6000K)



- Double layer phosphor coating technology, excellent color-mixing
- Mac-Adam Ellipse 3 Step binning, high color consistency
- High light quality, anti-glare
- Fast thermal conductivity substrate, lower resistance
- Compatible COB PKG size, easy to adapt accessories

RoHS	REACH	VOC	IEC-62471	EN-62471	LM-80</
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