

Automotive LED Multi Color

Side view RGB

5515-RGB020AH-AM



5.5 x 1.5 x 0.8

Min/Typ Brightness (mcd)	Red	710/1120
	Green	1800/2800
	Blue	280/450
Test current (mA)		20
Max Tj		125°C
VF		R:1.75-2.5 / G:2.5-3.5 / B:2.5-3.5

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Low-Power RGB

67-63-RGB0200H-AM



3.5 x 2.8 x 1.4

Min/Typ Brightness (mcd)	Red	560 / 1120
	Green	1120 / 2550
	Blue	180 / 355
Test current (mA)		20
Max Tj		125°C
VF		R:1.75-2.5 / G:2.75-3.75 / B:2.75-3.75

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Mid-power RGB

XI3030-RGB200BH-AM



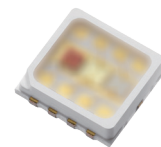
3.0 x 3.0 x 0.6

Min/Typ Brightness (lm)	Red	23 / 25.7
	Green	30 / 35.7
	Blue	8 / 9.1
Test current (mA)		200
Max Tj		150°C
VF		R:1.75-2.75 / G:2.75-3.75 / B:2.75-3.75

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Mid-power RGB

XI3030-RGB200BH-AM(L)



3.0 x 3.0 x 0.6

Min/Typ Brightness (lm)	Red	23 / 25.7
	Green	27 / 33.7
	Blue	8 / 9.1
Test current (mA)		200
Max Tj		150°C
VF		R:1.75-2.75 / G:2.75-3.75 / B:2.75-3.75

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Mid-power RGBY

CH2525-RGBY0401H-AM



2.5 x 2.5 x 0.75

Min/Typ Brightness (mcd)	Red	900 / 1200
	Green	2240 / 2300
	Blue	355 / 360
	Yellow	900 / 1300
Test current (mA)		40
Max Tj		150°C
VF		R:1.75-2.25 / G:2.75-3.25 B:2.75-3.25 / Y:1.75-2.25

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Mid-power RGBW

CH2525-RGBW0401H-AM



2.5 x 2.5 x 0.75

Min/Typ Brightness (mcd)	Red	900 / 1050
	Green	2800 / 2900
	Blue	560 / 610
	White	2800 / 3300
Test current (mA)		40
Max Tj		150°C
VF		R:1.75-2.5 / G:2.25-3.25 B:2.25-3.25 / W:2.25-3.25

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Automotive Interior Application

Mini Top View LED

2214



2.2 x 1.4 x 0.7

Color	Part No.	VF	Test current (mA)	CCT/nm
White	2214-C7XXX-AM	2.5-3.5	10-30	X:0.34,Y:0.33
PC Amber	2214-IBXXX-AM	2.5-3.5	10-30	X:0.18,Y:0.23
Ice Blue	2214-UBXXX-AM	2.5-3.5	10-30	459-467
Red	2214-URXXX-AM	1.5-2.5	10-30	612-621
Super Orange	2214-SRXXX-AM	1.5-2.5	10-30	627-639

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Micro Top View LED

1608



1.6 x 0.8 x 0.55

Color	Part No.	VF	Test current (mA)	CCT/nm
White	1680-C7XXX-AM	2.5-3.5	10-30	X:0.34,Y:0.33
Ice Blue	1680-IBXXX-AM	2.5-3.5	10-30	X:0.18,Y:0.23
Blue	1680-UBXXX-AM	2.5-3.5	10-30	459-467
Red	1680-URXXX-AM	1.5-2.5	10-30	612-621
Super Red	1680-SRXXX-AM	1.5-2.5	10-30	627-639
Green	1680-UGXXX-AM	2.25-3.25	10-30	520-530
Yellow	1680-UYXXX-AM	1.5-2.5	10-30	585-597

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Side view

3011 L



3.0 x 1.1 x 1.2

Color	Part No.	VF	Test current (mA)	CCT/nm
White	3011L-C7XXX-AM	2.75-3.75	10-30	X:0.30,Y:0.28
Blue	3011L-UBXXX-AM	2.75-3.75	10-30	415-463
Y+G	3011L-PYXXX-AM	2.75-3.75	10-30	X:0.44,Y:0.52
Green	3011L-UGXXX-AM	2.75-3.75	10-30	520-535
Yellow	3011L-UYXXX-AM	1.75-2.75	10-30	585-594
Red	3011L-URXXX-AM	1.75-2.75	10-30	618-630
Super Red	3011L-SRXXX-AM	1.75-2.75	10-30	627-636

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Side view

57-11



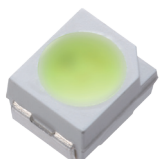
4.0 x 4.0 x 3.6

Color	Part No.	VF	Test current (mA)	CCT/nm
White	57-11-C7XXX-AM	2.75-3.75	10-30	X:0.26,Y:0.24
Ice Blue	57-11-IBXXX-AM	2.75-3.75	10-30	X:0.19,Y:0.25
Sky Blue	57-11-SBXXX-AM	2.75-3.75	10-30	X:0.16,Y:0.08
Blue	57-11-UBXXX-AM	2.75-3.75	10-30	463-475
Yellow	57-21-UYXXX-AM	1.75-2.75	10-30	585-594
Red	57-21-URXXX-AM	1.75-2.75	10-30	618-627

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Top view

67-11



3.5 x 2.8 x 1.85

Color	Part No.	VF	Test current (mA)	CCT/nm
White	67-11-C7XXX-AM	2.75-3.75	10-30	X:0.30,Y:0.30
Ice Blue	67-11-IBXXX-AM	2.75-3.75	10-30	X:0.18,Y:0.23
Sky Blue	67-11-SBXXX-AM	2.75-3.75	10-30	X:0.16,Y:0.08
Blue	67-11-UBXXX-AM	2.75-3.75	10-30	463-475
Green	67-11-UGXXX-AM	1.75-2.75	10-30	520-535
Yellow	67-21-UYXXX-AM	1.75-2.75	10-30	585-594
Red	301-SRXXX-AM	1.75-2.75	10-30	612-627

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Mini top view

65-11

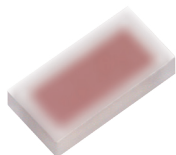


2.2 x 1.4 x 1.35

Color	Part No.	VF	Test current (mA)	CCT/nm
White	65-11-C7XXX-AM	2.75-3.75	10-30	X:0.34,Y:0.33
Yellow	65-21-UYXXX-AM	1.50-2.75	10-30	582-594
Red	65-21-URXXX-AM	1.75-2.75	10-30	618-627
Blue	65-11-UBXXX-AM	2.75-3.75	10-30	463-475
Green	65-11-UGXXX-AM	2.75-3.75	10-30	520-535
Ice Blue	65-11-UYXXX-AM	2.75-3.75	10-30	X:0.18,Y:0.23
Sky Blue	65-11-SRXXX-AM	2.75-3.75	10-30	X:0.16,Y:0.08

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

CSP Mini Led 0603



0.6 x 0.3 x 0.15

Color	Part No.	VF	Intensity (mcd)	IF typ (mA)	IF max (mA)	Max Tj (°C)	Wavelength (nm)
Red	CSP0603-UR005XH-AM	1.5-2.5	Up to 224	5	20	105	615-630

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A