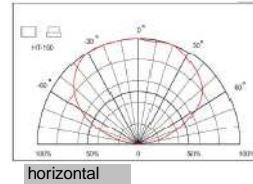
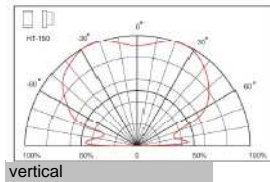


SMD 0402 package (0,5 mm x 1,0 mm)

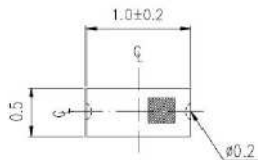


Light Radiation Pattern

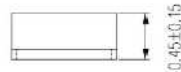


PACKAGE OUTLINE DRAWING

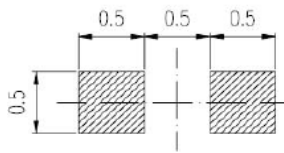
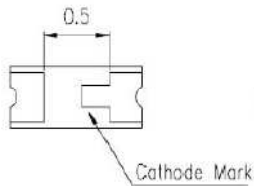
(Unit: mm Tolerance: +/- 0.1)



Polarity



For Reflow Soldering



Part Number	Chip			Lens	Vf (V) If=20mA		IV (mcd) If=20mA		Viewing Angle typ.
	Material	Emitted Color	P (nm)	Color	Typ.	Max.	Min.	Typ.	
SE-0402SURC	AlGaN _P	Super Red	650	waterclear	2,00	2,20	50	150	130
SE-0402UBGC	InGa _N	Pure Green	520	waterclear	3,10	2,60	110	300	130
SE-0402UWC	InGa _N	White	X=0.33,Y=0.3	waterclear	3,10	3,60	165	360	130
SE-0402VGC	AlGaN _P	Y-Green	574	waterclear	2,00	2,20	10	40,0	130
SE-0402UBC	InGa _N	Blue	470	waterclear	3,10	3,60	36	60	130
SE-0402UOC	AlGaN _P	Orange	605	waterclear	2,00	2,20	50	160	130
SE-0402UYC	AlGaN _P	Yellow	590	waterclear	2,00	2,20	36	120	130
SE-0402WW	AlGaN _P	warm white	x=0.43,Y=0.38	waterclear	3,10	3,60	165	280	130

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
Forward Current	P _{FP}	25	mA
Pulsed Forward Current	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	100/120	mW
Operating Temperature	T _{OPR}	- 30 - +85	°C
Storage Temperature	T _{STG}	- 40 - +85	°C

Andere SMD-Typen in Bauform 0603, 0805, 1206 sowie andere Bauformen sind ebenfalls lieferbar.