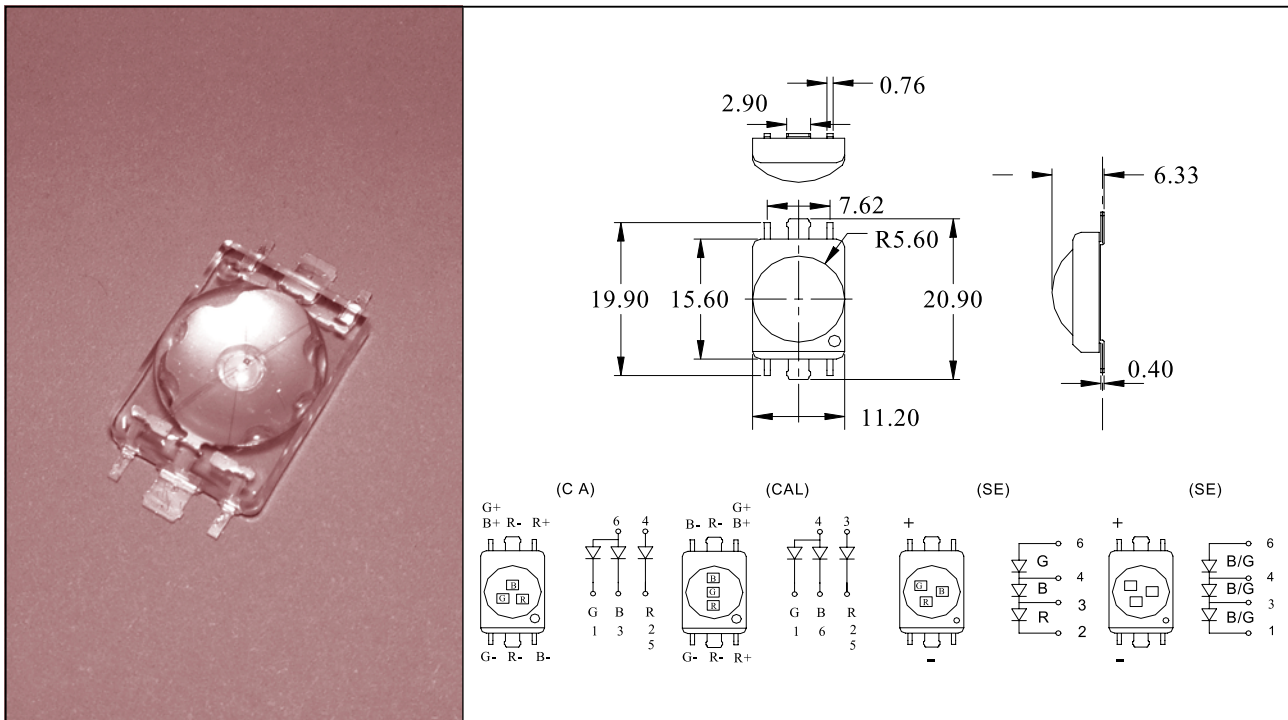




EP204K-35RGB Enhanced Power LED



◆ABSOLUTE MAXIMUM RATINGS: (T_J=25°C)

Part No.	P _D (mW)	V _R (V)	Topr	Tstg
EP204K-35XX	350/400	5	-40°C to 100°C	-40°C to 100°C
PARAMETER	Power Dissipation	Reverse Voltage	Operating Temperature Range	Storage Temperature Range

◆ELECTRO-OPTICAL CHARACTERISTICS: (T_J=25°C)

Part No.	V _F (V)			I _R (μA)	λ _D (nm) CCT(K)	Thermal Resistance (°C/w)	2 θ 1/2 (deg)	Intensity I _v (cd)			Total Flux (lm)	
	MIN.	TYP.	MAX.	MAX.	TYP.	TYP.	TYP.	MIN.	TYP.	TYP.	TYP.	TYP.
EP204K-35G1R1B1-CA	-	R/2.0	R/2.5	10	2500~8000	36	100	2.6	3.7	4.4	1.4	2.5
EP204K-35G1R1B1-CAD	-	G/3.5	G/4.0	10	2500~8000	36	100	1.3	3.1	3.75	1.1	2.0
EP204K-35G1R1B1-CAL	-	B/3.5	B/4.0	10	2500~8000	36	100	2.6	3.7	4.4	1.4	2.5
EP204K-35G1B1R1-SE	-	9.0	10.5	10	-	36	100	2.6	3.7	4.4	0.8	2.5
EP204K-35G1B1R1-SED	-	9.0	10.5	10	-	36	100	1.3	3.1	3.75	1.1	2.0
EP204K-35B1-3SE	-	10.5	12	10	470	36	100	0.73	1.2	1.8	0.8	1.4
EP204K-35G1-3SE	-	10.5	12	10	525	36	100	3.5	7.2	9.0	1.2	2.1
TEST CONDITION	I _F =20 mA			V _R =5 V	I _F =20 mA	Rθ _{J-PCB-AIR}	I _F =20 mA	I _F =20 mA	I _F =35 mA	I _F =20 mA	I _F =35 mA	

1. All dimensions are in millimeters.
2. Tolerance is ± 0.25 mm unless otherwise specified.
3. LED operating required anti-electrostatic devices in all equipment, machinery, and manual assembly.
4. Convective IR reflow soldering.