



LPD2016 Series

Low Power for Display Applications



- Low Power LED Series for Exterior display
- Application in Car Body Lighting
- High Robustness AEC-Q102 RV LV1 Qualified
- Small LED Package and Standardized LED Footprint
- Large Choice of LED Colors
- Easy-to-Use in SMT Processing and Handling



Color	Part Number	Driving Current I _F (mA)	Max. Driving Current I _F (mA)	Luminous Intensity I _v (mcd)		Viewing Angle 2θ _{1/2}	Dominant Wavelength λ _D (nm)	Forward Voltage V _F (V)			AEC-Q102	USCAR-33
				Min.	Typ.			Min.	Typ.	Max.		
Red	EOS-9YPUCRA-KC	5	30	140	165	120°	617	1.8	1.9	2.2	Yes	Yes
Red	EOS-9YUUCRA-KC	5	30	112.5	135	120°	630	1.8	1.9	2.2	Yes	Yes
Blue	EOS-9YBUCRA-EC	5	30	56	70	120°	468	2.6	2.8	3	Yes	Yes
Green	EOS-9YFUCRA-EC	5	30	355	390	120°	525	2.4	2.6	2.8	Yes	Yes
Cyan	EOS-9YHUCRA-EE	5	30	180	250	120°	494 (Cyan)	2.4	2.6	2.8	Yes	Yes
Yellow	EOS-9YYUCRA-KC	5	30	112.5	140	120°	590	1.8	2	2.2	Yes	Yes
White	EOS-9YWUGBA-EC	5	30	285	360	120°	(0.32,0.33)	2.6	2.7	3	Yes	Yes
Orange	EOS-9YYUGRA-EC	5	30	140	200	120°	(0.572,0.424)	2.6	2.7	3	Yes	Yes

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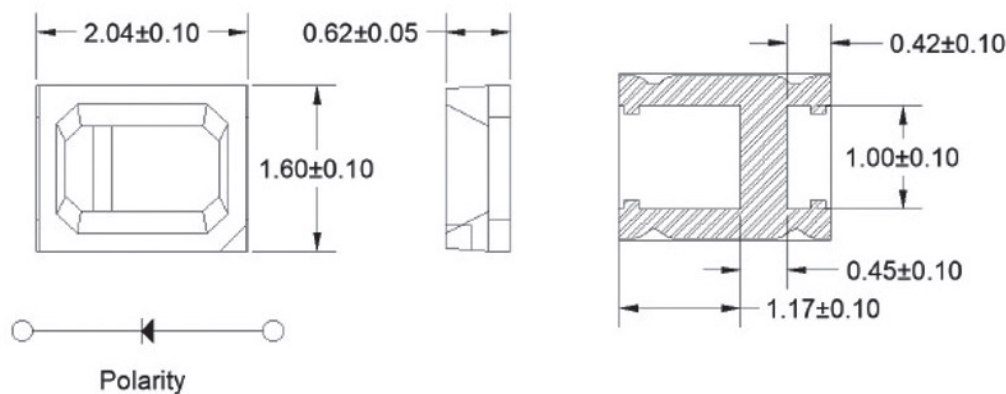
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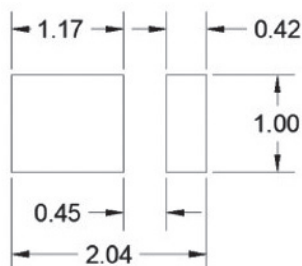
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				Min.	Typ.			Min.	Typ.	Max.		
●	EOS-9YPQCRA-KE	30	50	900	1350	120°	617	1.8	2.1	2.4	Yes	Yes
●	EOS-9YUQCRA-KE	30	50	715	930	120°	630	1.8	2.1	2.4	Yes	Yes
●	EOS-9YBQCRA-EF	30	50	450	600	120°	470	2.6	2.8	3	Yes	Yes
●	EOS-9YFQCRA-EF	30	50	2240	2800	120°	525	2.4	2.6	2.8	Yes	Yes
●	EOS-9YHQCRA-EG	30	50	1125	1750	120°	494	2.4	2.6	2.8	Yes	Yes
●	EOS-9YYQCRA-KE	30	50	715	950	120°	590	1.8	2.2	2.4	Yes	Yes
○	EOS-9YWQGBA-EF	30	50	1800	2650	120°	(0.32,0.33)	2.6	2.9	3.2	Yes	Yes
●	EOS-9YYQGRA-EF	30	50	1125	1700	120°	(0.572,0.424)	2.6	2.9	3.2	Yes	Yes

Outline Drawing



Recommended Soldering Pad



Note:

1. All dimensions are in millimeter.
2. Tolerance is ± 0.10 mm unless otherwise noted.
3. Specifications are subject to change without notice

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