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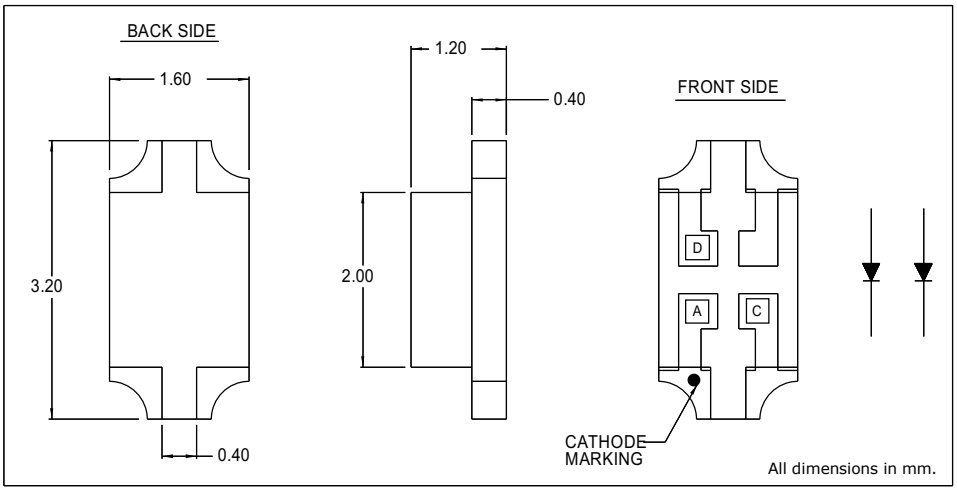
CHICAGO MINIATURE LAMP, INC.
WHERE INNOVATION COMES TO LIGHT

OLS-130 Series Size 1206 Duplex SMT LEDs

DESCRIPTION AND FEATURES



Features

- Circuit substrate-glass laminated epoxy
- Size 1206: 3.2 (L) x 1.6 (W) x 1.2 (H)mm
- Soldering pads: gold plated, all soldering methods applicable.
- HY, HD (AlInGaP) high luminous intensity types.
- Taped in 8mm blister tape, cathode marking to transporting perforation.
- All components are sorted into luminous intensity classes.
- Solder pad geometry on page 1-X2.

ELECTRO-OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Luminous Intensity		Forward Voltage		Test Current (mA)	Peak Wavelength (nm)
		Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)		
OLS-130SR/G	SR Red	4	12	1.9	2.6	20	660
	G Green	4	12	2.2	2.6	20	567
OLS-130SR/Y	SR Red	4	12	1.9	2.6	20	660
	Y Yellow	4	12	2.1	2.6	20	590
OLS-130Y/G	Y Yellow	4	12	2.1	2.6	20	590
	G Green	4	12	2.2	2.6	20	567
OLS-130SD/G	SD Red	4	12	2.1	2.6	20	635
	G Green	4	12	2.2	2.6	20	567
OLS-130SD/Y	SD Red	4	12	2.1	2.6	20	635
	G Green	4	12	2.1	2.6	20	590
OLS-130UR/SYG	UR Red	7	25	1.9	2.6	20	660
	SYG Green	10	25	2.2	2.6	20	570
OLS-130SYG/SB	SYG Green	10	25	2.2	2.6	20	570
	SB Blue	4	8	3.8	5.2	20	430

ABSOLUTE MAXIMUM RATINGS

Power Dissipation.....65 mW
Operating Temperature.....-40 to +85°C
Storage Temperature.....-55 to +85°C
Peak Forward Current (1 µs @ 10% duty cycle).....100 mA
Reverse Voltage (IR=100µA).....5.0V
Lead Solder Time @ 235°C.....10 seconds
Forward Current.....20 mA

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product