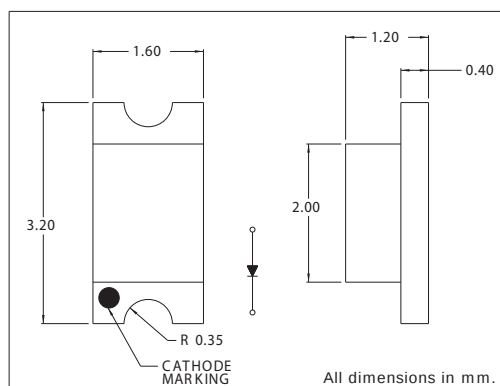




OLS-156 Series Size 1206 Low Current SMT LEDs

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	E mitted Color	Luminous Intensity		Forward Voltage		Test Current (mA)	Peak Wavelength (nm)
		Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)		
OLS-156R	Red	0.2	0.4	1.85	2.2	2	700
OLS-156SD	Red	0.4	0.6	1.8	2.2	2	635
OLS-156SR	Red	0.6	0.9	1.65	2.1	2	660
OLS-156UR	Red	1.0	1.8	1.65	2.1	2	660
OLS-156G	Green	0.4	1.2	1.9	2.2	2	570
OLS-156Y	Yellow	0.3	0.6	1.8	2.2	2	590
OLS-156D	Orange	0.3	0.5	1.8	2.2	2	610
OLS-156SB	Blue	0.4	0.8	3.2	4.0	2	430
OLS-156HY	High Yellow	1.6	3.0	1.8	2.2	2	590
OLS-156HD	High Orange	1.6	3.0	1.8	2.2	2	620
OLS-156HR	High Red	2.5	2.8	1.8	2.2	2	644

ABSOLUTE MAXIMUM RATINGS

Power Dissipation.....	8 mW
Operating Temperature.....	-40 to +85°C
Storage Temperature.....	-55 to +85°C
Peak Forward Current (1 μ s @ 10% duty cycle).....	100 mA
Reverse Voltage (IR=100 μ A).....	5.0V
Lead Solder Time @ 235°C.....	10 seconds
Forward Current.....	4 mA