

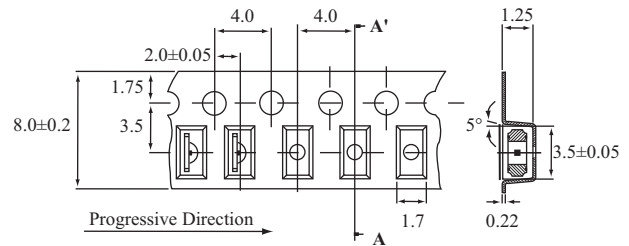
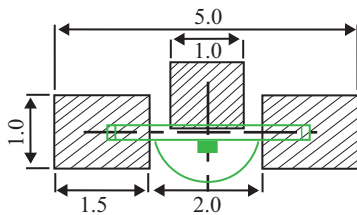
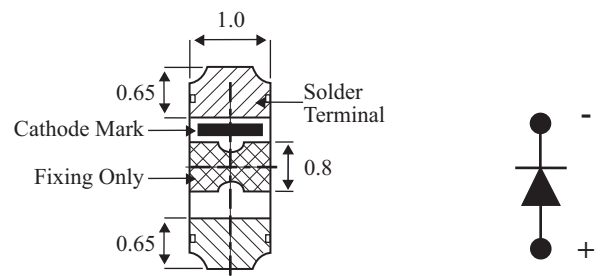
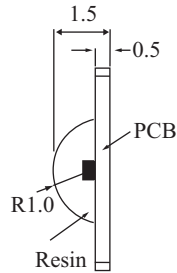
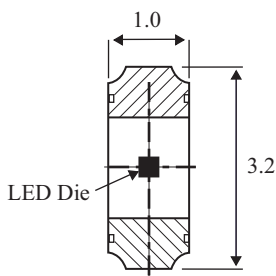
Side Firing SMD LEDs

Side Firing Package
Surface Mount LED

Low Power, Long Life

Tape & Reel for Automated
Pick & Place Machines

3,000 pieces per Reel



Part Number	Power Dissipation	Peak Forward Current	Continuous Forward Current	Reverse Voltage	Operating Temp Range	Storage Temp Range	Soldering Temp
ML110N-HRW-T	60mW	60mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110X-YW-T	70mW	60mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110N-SYW-T	70mW	60mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110V-PGW-T	100mW	70mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110Z-YGW-T	70mW	60mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110V-BW-T	100mW	100mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec
ML110V-WW-T	100mW	100mA	25mA	5V	-40°C ~ +85°C	-40°C ~ +100°C	260°C for 5 Sec

Part Number	Lighting Colour	Die Material	V _F			Peak Wavelength typ (nm)	Dominant Wavelength typ (nm)	I _v			Viewing Angle (deg)
			I _F (mA)	typ (V)	max (V)			I _F (mA)	min (mcd)	typ (mcd)	
ML110N-HRW-T	Hyper Red	AlGaInP	20	2.0	2.4	624	632	20	30	50	120°
ML110X-YW-T	Yellow	GaAsP/GaP	20	2.0	2.8	588	590	20	6	10	120°
ML110N-SYW-T	Super Yellow	AlGaInP	20	2.1	2.8	589	593	20	30	50	120°
ML110V-PGW-T	Pure Green	InGaN	20	3.5	4.0	525	530	20	100	200	120°
ML110Z-YGW-T	Yellow Green	GaP	20	2.1	2.8	568	570	20	6	10	120°
ML110V-BW-T	Blue	InGaN	20	3.5	4.0	470	475	20	30	50	120°
ML110V-WW-T	White	InGaN	20	3.5	4.0	X 0.30	Y 0.31	20	90	180	120°