

# 0603 Low Profile SMD LEDs

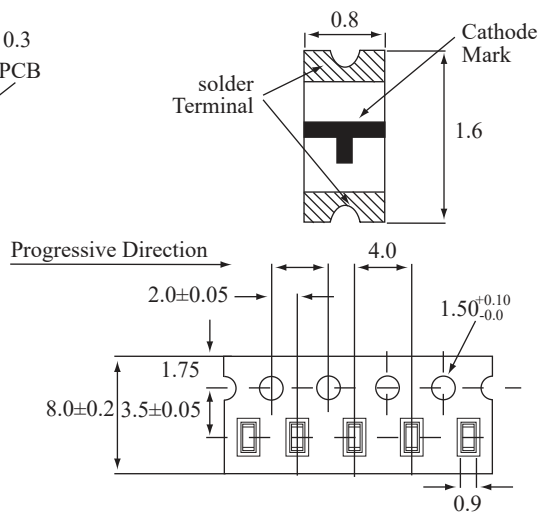
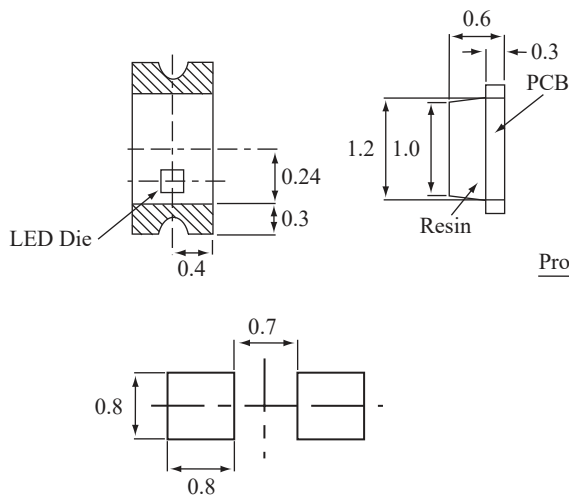
**0603 Chip Size Surface Mount LED**

**Suitable for Membrane Switch,  
Telecommunication, LCD and  
Automotive Applications**

**8mm Tape & Reel for Automated Placement**

**4,000 Pieces per Reel**

**RoHS Compliant**



**Polarity for Cathode Mark is reversed on the SR/HR**

Part Number	Power Dissipation	Peak Forward Current	Continuous Forward Current	Reverse Voltage	Operating Temp Range	Storage Temp Range	Soldering Temp
ML192L-SRW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192Z-YGW-T	72mW	100mA	30mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192X-YW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192V-BW-T	100mW	70mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192V-PGW-T	95mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192N-SYGW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192N-HRW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192V-WYD-T	95mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192F-AW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML192N-UAW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec

Part Number	Lighting Colour	Die Material	V <sub>F</sub>			Peak Wavelength typ (nm)	Dominant Wavelength typ (nm)	I <sub>V</sub>			Viewing Angle (deg)
			I <sub>F</sub> (mA)	typ (V)	max (V)			I <sub>F</sub> (mA)	min (mcd)	typ (mcd)	
ML192L-SRW-T	Super Red	GaAlAs	1.6	2.0	2.4	660	640	20	5	10	140°
ML192Z-YGW-T	Yellow Green	GaP	1.5	2.0	2.4	575	573	20	3	7	140°
ML192X-YW-T	Yellow	GaAsP/GaP	1.6	2.0	2.4	592	589	20	3	7	140°
ML192V-BW-T	Blue	InGaN	-	3.5	4.0	468	470	20	11	18	120°
ML192V-PGW-T	Pure Green	InGaN	2.8	3.4	3.8	520	525	20	60	180	140°
ML192N-SYGW-T	S Yellow Green	AlGaInP	1.6	2.0	2.4	575	573	20	10	25	140°
ML192N-HRW-T	Hyper Red	AlGaInP	1.6	2.0	2.4	632	624	20	20	40	140°
ML192V-WYD-T	White	InGaN	2.8	3.4	3.8	-	-	20	60	180	140°
ML192F-AW-T	Amber	GaAsP	1.6	2.0	2.4	610	605	20	2	6	140°
ML192N-UAW-T	Ultra Amber	AlGaInP	1.6	2.0	2.4	610	605	20	15	25	140°

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