

Low Profile 0805 SMD LEDs

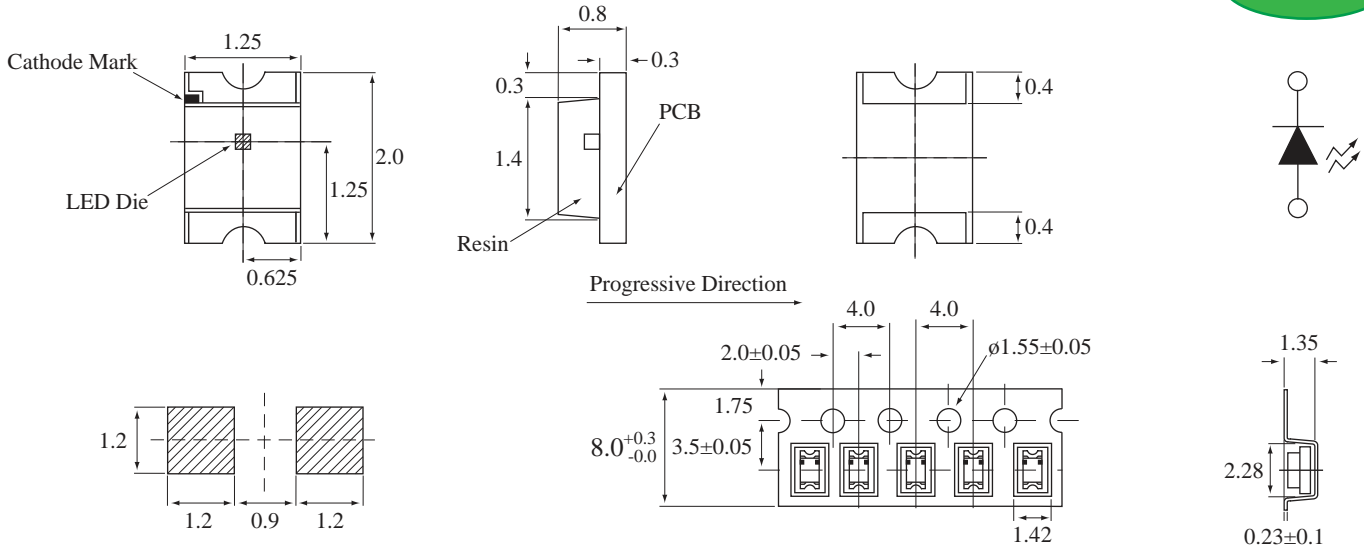
0805 Chip Size Surface Mount LED

Suitable for Telecommunication,
LCD, Switch and Symbol and
Automotive Applications

8mm Tape & Reel for Automated
Placement

3,000 Pieces per Reel

RoHS Compliant



Part Number	Power Dissipation	Peak Forward Current	Continuous Forward Current	Reverse Voltage	Operating Temp Range	Storage Temp Range	Soldering Temp
ML172L-SRW-T	72mW	100mA	30mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172Z-YGW-T	72mW	100mA	30mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172X-YW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172V-BW-T	95mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172V-PGW-T	95mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172N-SYGW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172N-SYW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172N-HRW-T	60mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172V-WYD-T	95mW	100mA	25mA	5V	-40°C ~ +80°C	-40°C ~ +85°C	260°C for 5 Sec
ML172F-AW-T	75mW	100mA	30mA	5V	-40°C ~ +80°C	-40°C ~ +85°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)	
ML172L-SRW-T	Super Red	GaAlAs	1.5	2.0	2.4	660	640	20	6	12	130°
ML172Z-YGW-T	Yellow Green	GaP	1.5	2.0	2.4	575	573	20	5	8	130°
ML172X-YW-T	Yellow	GaAsP/GaP	1.6	2.0	2.4	592	589	20	5	8	130°
ML172V-BW-T	Blue	InGaN	2.8	3.4	3.8	468	470	20	20	40	130°
ML172V-PGW-T	Pure Green	InGaN	2.8	3.4	3.8	520	525	20	80	200	130°
ML172N-SYGW-T	S Yellow Green	AlGaInP	1.6	2.0	2.4	575	573	20	15	30	130°
ML172N-SYW-T	Super Yellow	AlGaInP	1.6	2.0	2.4	592	589	20	25	45	130°
ML172N-HRW-T	Hyper Red	AlGaInP	1.6	2.0	2.4	632	624	20	25	45	130°
ML172V-WYD-T	White	InGaN	2.8	3.4	3.8	-	-	20	200	300	130°
ML172F-AW-T	Amber	GaAsP	1.6	2.0	2.5	610	605	20	-	6	130°

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