

VERTICAL LED ASSEMBLIES

Extruded Vertical LED Assemblies

- Stock lengths .030" - .850" (1.0mm - 21.0mm)
- Available on tape and reel in .050" - .500" (2mm - 13mm) lengths 1,000 per reel
- Additional LED colors available

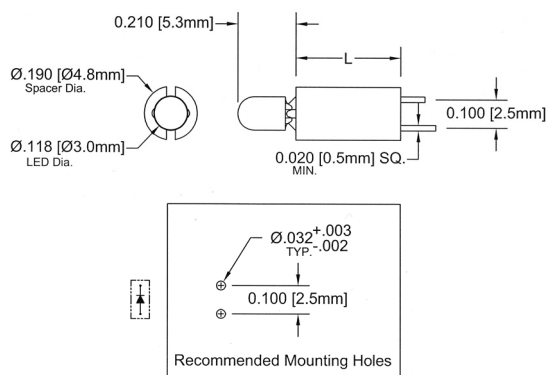
Examples:

ELM5 520 3YD (T)

Optional Tape and Reel
T-1 Yellow Diffused LED
Length "L" of .520 (13.2mm)
Series/Profile

ELM 2 Series

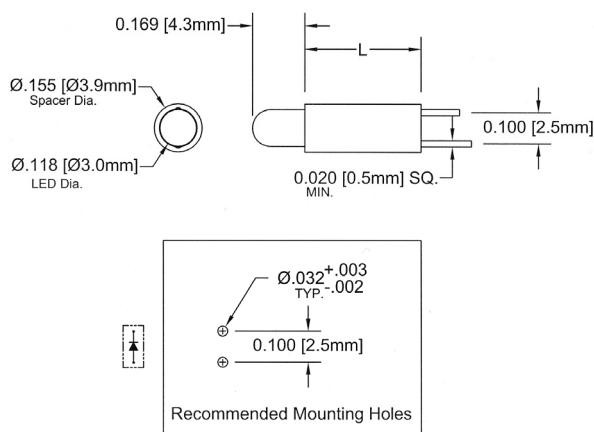
T-1 (3mm) Standard Profile



LED Assy. No.	Peak Wave Length	Emitted Color	Lens Appearance	Electro-Optical Data @20mA				Viewing Angle 2 θ 1/2 (deg)	LED P/N
				If (mA) TYP	Vf (V) TYP	MAX	Iv (mcd) TYP		
ELM2XXX3BWD	430	BLUE	DIFFUSED	25	4.0	4.5	20.0	45	3BWD
ELM2XXX3GD	565	GREEN	DIFFUSED	30	2.2	2.6	30.0	45	3GD
ELM2XXX3YD	585	YELLOW	DIFFUSED	30	2.1	2.6	20.0	45	3YD
ELM2XXX3HD	635	HE RED	DIFFUSED	30	2.0	2.6	30.0	45	3HD
ELM2XXX3RD	655	RED	DIFFUSED	40	1.7	2.0	6.0	45	3RD
ELM2XXX3SRD	660	SUPER RED	DIFFUSED	20	1.7	2.6	90.0	45	3SRD
Low Current				Data @2mA					
ELM2XXX3GDL	565	GREEN	DIFFUSED	5	1.9	2.2	6.0	45	3GDL
ELM2XXX3YDL	585	YELLOW	DIFFUSED	5	1.9	2.2	4.0	45	3YDL
ELM2XXX3HDL	635	HE RED	DIFFUSED	5	1.8	2.2	6.0	45	3HDL
5 Volt				Data @10mA					
ELM2XXX3GD5V	565	GREEN	DIFFUSED	8	-	5.0	30.0	45	3GD5V
ELM2XXX3YD5V	585	YELLOW	DIFFUSED	8	-	5.0	20.0	45	3YD5V
ELM2XXX3HD5V	635	HE RED	DIFFUSED	8	-	5.0	30.0	45	3HD5V

ELM 5 Series

T-1 (3mm) Narrow Profile



LED Assy. No.	Peak Wave Length	Emitted Color	Lens Appearance	Electro-Optical Data @20mA				Viewing Angle 2 θ 1/2 (deg)	LED P/N
				If (mA) TYP	Vf (V) TYP	MAX	Iv (mcd) TYP		
ELM5XXX3BWD	430	BLUE	DIFFUSED	25	4.0	4.5	20.0	45	3BWD
ELM5XXX3GD	565	GREEN	DIFFUSED	30	2.2	2.6	30.0	45	3GD
ELM5XXX3YD	585	YELLOW	DIFFUSED	30	2.1	2.6	20.0	45	3YD
ELM5XXX3HD	635	HE RED	DIFFUSED	30	2.0	2.6	30.0	45	3HD
ELM5XXX3RD	655	RED	DIFFUSED	40	1.7	2.0	6.0	45	3RD
ELM5XXX3SRD	660	SUPER RED	DIFFUSED	20	1.7	2.6	90.0	45	3SRD
Low Current				Data @2mA					
ELM5XXX3GDL	565	GREEN	DIFFUSED	5	1.9	2.2	6.0	45	3GDL
ELM5XXX3YDL	585	YELLOW	DIFFUSED	5	1.9	2.2	4.0	45	3YDL
ELM5XXX3HDL	635	HE RED	DIFFUSED	5	1.8	2.2	6.0	45	3HDL
5 Volt				Data @10mA					
ELM5XXX3GD5V	565	GREEN	DIFFUSED	8	-	5.0	30.0	45	3GD5V
ELM5XXX3YD5V	585	YELLOW	DIFFUSED	8	-	5.0	20.0	45	3YD5V
ELM5XXX3HD5V	635	HE RED	DIFFUSED	8	-	5.0	30.0	45	3HD5V

Mouser Electronics

Authorized Distributor

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BIVAR:

[ELM28503GD](#) [ELM28503RD](#) [ELM28503YD](#) [ELM50303GD5V](#)