



LEDTRONICS, INC.

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FEATURES:

- HIGH-INTENSITY, SIGHT TO SUNLIGHT VISIBLE
- CHOICE OF 5 BRIGHT COLORS
- DIFFUSED WIDE ANGLE OR NARROW BEAM
- LOW CURRENT, FAST RESPONSE TIME
- IC COMPATIBLE, SUITABLE FOR MULTIPLEXING
- LOW CURRENT (1mA-2mA) BATTERY

PART NO.	COLORS		CHIP MATERIAL	VIEW ANGLE	ABSOLUTE MAX. RATING: To-25°C				ELECTRO OPTICAL CHARACTERISTIC To-25°C, If=20mA			CROSS REFERENCE	
	LED	LENS			Pd	If	Vr	MIN/TYP	vf	Ip max	λP		
					mW	mA	mA	V	mod	TYP/MAX	μA	nm	

T1-3/4 (5mm) STD. PROFILE LED's/HI-EFF & STD. BRIGHT-DIFFUSED WIDE ANGLE 36° A

L200TR1	STD RED - DIFF	GoAsP	36	80	200	40	5	0.6/2.2	1.7/2.2	100	655	HLMP3000
L200TR2	BRITE RED - DIFF	GoP	36	40	60	15	5	2.0/6.0	2.1/2.8	100	697	
L200TR3	HI-EFF RED - DIFF	GoAsP/GoP	36	100	120	30	5	3.0/16	2.1/2.8	100	635	HLMP3300
L200TY3	YELLOW - DIFF	GoAsP/GoP	36	80	80	20	5	4.0/16	2.2/2.8	100	585	HLMP3400
L200TG3	GREEN - DIFF	GoP	36	100	120	30	5	6.0/20	2.2/2.8	100	565	HLMP3502

Topr & Tstg = -55°C to +100°C
Lead Soldering Temp = 260°C for 5 sec, 1/16" (1.6mm) from body

T1-3/4 (5mm) STD. PROFILE LED's/ULTRA BRIGHT DIFFUSED WIDE ANGLE 30° B

L200TR6	ULT RED - DIFF	GoA1As	30	100	300	40	4	20/30	1.7/2.0	100	660	TRUE ORANGE AMBER YELLOW LIME YELLOW PURE (DEEP) GRN
L200TO5	ORANGE - DIFF	GoAsP/GoP	30	125	100	50	4	16/24	2.2/2.5	100	605	
L200TA5	AMBER - DIFF	GoAsP/GoP	30	125	100	50	4	16/24	2.2/2.5	100	580	
L200TLY5	LIME YEL - DIFF	GoP	30	125	100	50	4	30/45	2.1/2.5	100	570	
L200TO	PURE GRN - DIFF	GoP	30	125	100	50	4	8/12	2.1/2.5	100	555	

Topr & Tstg = -55°C to +100°C
Lead Soldering Temp = 260°C for 5 sec, 1/16" (1.6mm) from body

T1-3/4 (5mm) STD. PROFILE LED's/ULTRA BRIGHT TAPERED NARROW BEAM 20° C

L200TR5DN	ULTRA RED - DIFF	GoA1As	50	100	200	40	4	25/50	1.8/2.4	100	635	
L200TY5DN	YELLOW - DIFF	GoAsP/GoP	50	100	120	30	5	11/38	2.0/2.8	100	610	
L200TG5DN	GREEN - DIFF	GoAsP/GoP	50	80	80	20	5	8/25	2.2/2.8	100	585	
L200TO5DN	ORANGE - DIFF	GoP	50	100	120	30	5	8/25	2.2/2.8	100	565	

Topr & Tstg = -20°C to +100°C
Lead Soldering Temp = 260°C for 5 sec, 1/16" (1.6mm) from body

MECHANICAL SPECIFICATIONS:

