



LEDTRONICS, INC.

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FEATURES:

MEDIUM PROFILE

- HIGH-INTENSITY, HI-EFFICIENCY DIFFUSED
- CHOICE OF 3 BRIGHT COLORS
- IC COMPATIBLE, LOW CURRENT REQUIRED

STANDARD PROFILE

- HIGH INTENSITY STD BRIGHT TO SUNLIGHT VISIBLE
- CHOICE OF 5 COLORS
- LOW CURRENT, FAST RESPONSE TIME

| 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 | Ifp | If | Vf | MIN/TYP | vf | Ip max | λp | |
| | | | | | mW | mA | mA | V | mcd | TYP/MAX | ψΔ | nm | |
| T1-3/4 (5mm) MEDIUM PROFILE LED's/FLANGELESS, DIFFUSED WIDE ANGLE A | | | | | | | | | | | | | |
| LD190TR1 | STD RED - DIFF | | GoAsP | 60 | 80 | 200 | 40 | 5 | 0.6/1.6 | 1.7/2.0 | 100 | 655 | DIALIGHT 521-9180 |
| LD190TR4 | HI-EFF RED - DIFF | | GoAsP/GoP | 60 | 100 | 120 | 30 | 5 | 3.4/12.0 | 2.1/2.8 | 100 | 635 | |
| LD190TY4 | YELLOW - DIFF | | GoAsP/GoP | 60 | 60 | 80 | 20 | 5 | 3.4/12.0 | 2.2/2.8 | 100 | 585 | |
| LD190TG4 | GREEN - DIFF | | GoP | 60 | 100 | 120 | 30 | 5 | 3.4/12.0 | 2.2/2.8 | 100 | 565 | |
| LD190TRG4 | ULTRA RED - DIFF | | GoA1As | 60 | 100 | 200 | 40 | 4 | 1.1/21.0 | 1.7/2.4 | 100 | 660 | SUNLIGHT VISIBLE |
| Topr & Tstg=-55°C to +100°C | | | | | Lead Soldering Temp=260°C for 5 sec, 1/16"(1.6mm) from body | | | | | | | | |

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|---|------------------|--|-----------|----|---|-----|----|---|--------|---------|-----|-----|------------------|
| T1-3/4 (5mm) MEDIUM PROFILE LED's/FLANGELESS, CLEAR WIDE ANGLE B | | | | | | | | | | | | | |
| LD190CR4 | HI-EFF RED - CLR | | GoAsP/GoP | 34 | 100 | 120 | 30 | 5 | 7.4/34 | 2.1/2.8 | 100 | 635 | SUNLIGHT VISIBLE |
| LD190CY4 | YELLOW - CLEAR | | GoAsP/GoP | 34 | 60 | 80 | 20 | 5 | 10/38 | 2.2/2.8 | 100 | 585 | |
| LD190CG4 | GREEN - CLEAR | | GoP | 34 | 100 | 120 | 30 | 5 | 10/38 | 2.2/2.8 | 100 | 565 | |
| LD190CWR6A | ULTRA RED - CLR | | GoA1As | 34 | 100 | 200 | 40 | 4 | 80/140 | 1.7/2.4 | 100 | 660 | |
| Topr & Tstg=-55°C to +100°C | | | | | Lead Soldering Temp=260°C for 5 sec, 1/16"(1.6mm) from body | | | | | | | | |

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|--|-------------------|--|-----------|----|---|-----|----|---|-------|---------|-----|-----|--|
| T1-3/4 (5mm) STD. PROFILE LED's/LOW COST ULTRA BRIGHT, DIFFUSED WIDE ANGLE 50°C | | | | | | | | | | | | | |
| L200TR6A | ULTRA RED - DIFF | | GoA1As | 50 | 100 | 200 | 40 | 4 | 25/50 | 1.8/2.4 | 100 | 635 | HLMPD100 HLMP3762 HLMP3862 HLMP3962 |
| L200TR5A | HI-EFF RED - DIFF | | GoAsP/GoP | 50 | 100 | 120 | 30 | 5 | 11/38 | 2.0/2.8 | 100 | 610 | |
| L200TY5A | YELLOW - DIFF | | GoAsP/GoP | 50 | 80 | 80 | 20 | 5 | 8/25 | 2.2/2.8 | 100 | 585 | |
| L200TG5A | GREEN - DIFF | | GoP | 50 | 100 | 120 | 30 | 5 | 8/25 | 2.2/2.8 | 100 | 565 | |
| Topr & Tstg=-55°C to +100°C | | | | | Lead Soldering Temp=260°C for 5 sec, 1/16"(1.6mm) from body | | | | | | | | |

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|--|-------------------|--|-----------|----|----------------------|--|----|---|---------|---|-----|-----|--|
| T1-3/4 (5mm) STD. PROFILE LED's/LOW COST ULTRA BRIGHT, DIFFUSED WIDE ANGLE 50°C C | | | | | | | | | | | | | |
| L200TR4D | HI-EFF RED - DIFF | | GoAsP/GoP | 80 | 100 | | 25 | 4 | 4.0/9.0 | 2.1/2.8 | 100 | 635 | HLMP330-3301 HLMP3400-3401 HLMP3502-3507 |
| L200T04D | ORANGE - DIFF | | GoAsP/GoP | 80 | 100 | | 25 | 4 | 1.0/6.0 | 2.1/2.8 | 100 | 610 | |
| L200TY4D | YELLOW - DIFF | | GoAsP/GoP | 80 | 80 | | 25 | 4 | 1.0/6.0 | 2.1/2.8 | 100 | 585 | |
| L200TG4D | GREEN - DIFF | | GoP | 80 | 100 | | 25 | 4 | 1.0/6.0 | 2.1/2.8 | 5 | 565 | |
| Topr & Tstg=-55°C to +100°C | | | | | Tstg=-30°C to +100°C | | | | | Lead Soldering Temp=260°C for 5 sec, 1/16"(1.6mm) from body | | | |

MECHANICAL SPECIFICATIONS:

