



# T1 (3mm) Right-Angled PCB LEDs, 0.125" Centerline

| Part Number             |                     | Emitted Color | Lens Color/Type | Projection Type | Electrical-Optical Characteristics (Ta = 25°C) |                          |                            |                     | View Angle 2θ <sub>1/2</sub> | Figure |
|-------------------------|---------------------|---------------|-----------------|-----------------|--|--------------------------|----------------------------|---------------------|------------------------------|--------|
| Long Lead (0.500" Min.) | Short Lead (0.140") |               |                 |                 | I <sub>f</sub> (mA)                            | I <sub>v</sub> (mcd) typ | V <sub>f</sub> (V) typ/max | λ <sub>p</sub> (nm) |                              |        |

## T1 (3mm) High-Efficiency (Diffused) LEDs

|  |              |               |            |   |              |   |    |     |         |     |     |   |
|--|--------------|---------------|------------|---|--------------|---|----|-----|---------|-----|-----|---|
|  | PC110TR6     | PC110TR6-140  | ULTRA RED  | ● | RED Diffused | — | 20 | 100 | 1.7/2.6 | 660 | 45° | 1 |
|  | PC110TR4 (5) | PC110TR4-140  | HE RED     | ● | RED Diffused | — | 20 | 24  | 2.0/2.8 | 635 | 45° |   |
|  | PC110TR1     | PC110TR1-140  | RED        | ● | RED Diffused | — | 20 | 3   | 1.7/2.0 | 665 | 45° |   |
|  | PC110TO4 (5) | PC110TO4-140  | ORANGE     | ● | ORN Diffused | — | 20 | 30  | 2.1/2.8 | 610 | 45° |   |
|  | PC110TY4 (5) | PC110TY4-140  | YELLOW     | ● | YEL Diffused | — | 20 | 22  | 2.1/2.8 | 585 | 45° |   |
|  | PC110TG4 (5) | PC110TG4-140  | HE GREEN   | ● | GRN Diffused | — | 20 | 18  | 2.1/2.8 | 565 | 45° |   |
|  | PC110TUB5    | PC110TUB5-140 | ULTRA BLUE | ● | BLU Diffused | — | 20 | 2.4 | 3.8/5.0 | 430 | 45° |   |

## T1 (3mm) Sunlight-Visible (Diffused) LEDs

|  |            |                |            |   |              |   |    |      |         |     |     |   |
|--|------------|----------------|------------|---|--------------|---|----|------|---------|-----|-----|---|
|  | PC110T-0UR | PC110T-0UR-140 | ULTRA RED  | ● | RED Diffused | — | 20 | 700  | 2.0/2.6 | 660 | 45° | 1 |
|  | PC110T-0UO | PC110T-0UO-140 | ORANGE     | ● | ORN Diffused | — | 20 | 1000 | 2.0/2.6 | 610 | 45° |   |
|  | PC110T-0UY | PC110T-0UY-140 | YELLOW     | ● | YEL Diffused | — | 20 | 480  | 2.0/2.6 | 592 | 45° |   |
|  | PC110T-0UG | PC110T-0UG-140 | LIME GREEN | ● | GRN Diffused | — | 20 | 300  | 2.0/2.6 | 570 | 45° |   |
|  | PC110T-1AG | PC110T-1AG-140 | AQUA GREEN | ● | GRN Diffused | — | 20 | 300  | 3.5/4.0 | 523 | 45° |   |
|  | PC110T-1PB | PC110T-1PB-140 | PURE BLUE  | ● | BLU Diffused | — | 20 | 120  | 3.6/4.0 | 470 | 45° |   |

## T1 (3mm) Bicolor (Diffused) LEDs, 2-Leaded

|  |             |                 |          |   |              |   |    |    |         |     |     |   |
|--|-------------|-----------------|----------|---|--------------|---|----|----|---------|-----|-----|---|
|  | PC110TWRG4B | PC110TWRG4B-140 | HE RED   | ● | WHT Diffused | — | 20 | 30 | 2.0/2.6 | 630 | 50° | 1 |
|  |             |                 | HE GREEN | ● |              |   | 20 | 30 | 2.2/2.6 | 568 | 50° |   |
|  | PC110TWYG4B | PC110TWYG4B-140 | YELLOW   | ● | WHT Diffused | — | 20 | 15 | 2.1/2.6 | 585 | 50° |   |
|  |             |                 | HE GREEN | ● |              |   | 20 | 30 | 2.2/2.8 | 568 | 50° |   |

Custom Options: OEM large quantity requirements

Figure 1. Long Lead & Short Lead Type

