LEDTRONICS®
America's Premium Brand LED Company™

SEARCH BY PART # OR KEYWORD

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LED Arrays, PC Board, 1.8mm, Single Row Right Angle, 2-3-4 Position
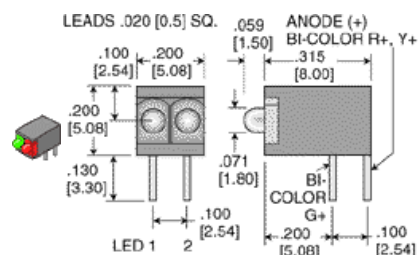
12PCT070TX4   110PCT070TR4

Certified Quality Management System
ISO 9001:2008   DNV

All Series under this Category:
12PCT070T 2–LED Rt–Angled PCB; 40° Beam
13PCT070T 3–LED Rt–Angled PCB; 40° Beam
14PCT070T 4–LED Rt–Angled PCB; 40° Beam
15PCT070T 5–LED Rt–Angled PCB; 40° Beam
18PCT070T 8–LED Rt–Angled PCB; 40° Beam
110PCT070T 10–LED Rt–Angled PCB; 40° Beam

12PCT070T Series   **2 LEDs**

A custom–optioned example is pictured to the left.
Its Part Number would be "12PCT070T4–GR" [Left to Right: 1 Green;1 Red]

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
							Electrical-Optical Characteristics (Ta = 25°C)			
ADD TO CART	12PCT070TG4 (7R84RE)	$1.26ea	250	Diffused Green	10	5.5	2.2/2.6	565nm	Hi–Eff Green	40°
	Call 800–579–4875 To ORDER			Click For Volume Discount Thru Distributor						

Mixed Colors

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
							Electrical-Optical Characteristics (Ta = 25°C)			

‡‡Full Beam Width at 50% Intensity

13PCT070T Series   **3 LEDs**
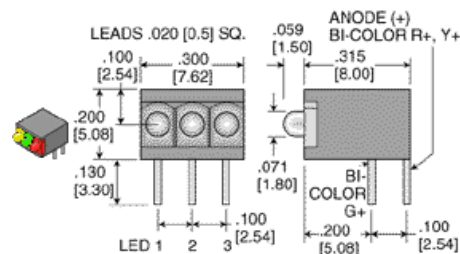
A custom–optioned example is pictured to the left.
Its Part Number would be "13PCT070T4–YGR" [Left to Right: 1 Yellow;1 Green;1 Red]

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
							Electrical-Optical Characteristics (Ta = 25°C)			
Call 800–579–4875 To ORDER	13PCT070TG4 (15RE)	Click For Volume Discount Thru Distributor		Diffused Green	10	5.5	2.2/2.6	565nm	Hi–Eff Green	40°

Mixed Colors

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]
Call 800-579-4875 To ORDER	**13PCT070T4-YRR** (15RE) ⬤⬤⬤	**Click For Volume Discount Thru Distributor**		Diffused Yellow	10	5.5	2.1/2.6	585nm	🟨 Hi-Eff Yellow	40°
				Diffused Green	10	12.5	2.0/2.6	635nm	🟥 Hi-Eff Red	40°

Electrical-Optical Characteristics (Ta = 25°C)

Bicolor

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]
[ADD TO CART]	**13PCT070TWRG4** (7R144RE) ⬤⬤⬤ [PDF DS]	**$2.43ea**	250	Milky White	10	4.0	2.0/2.6	635nm	🟥 Hi-Eff Red	70°
				Milky White	10	4.0	2.2/2.6	568nm	🟩 Hi-Eff Green	70°

Electrical-Optical Characteristics (Ta = 25°C)

Call 800-579-4875 To ORDER　　　**Click For Volume Discount Thru Distributor**

[‡‡]Full Beam Width at 50% Intensity

14PCT070T Series　4 LEDs
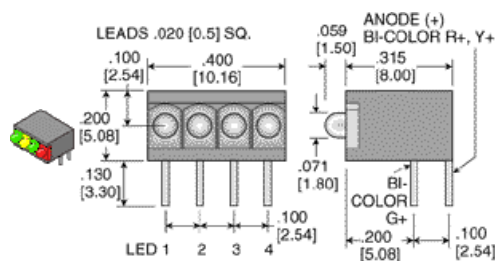
A custom-optioned example is pictured to the left.
Its Part Number would be "14PCT070T4-RYGG" (Left to Right Red-Yellow-Green-Green)

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]

Electrical-Optical Characteristics (Ta = 25°C)

Mixed Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]

Electrical-Optical Characteristics (Ta = 25°C)

Bicolor

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]

Electrical-Optical Characteristics (Ta = 25°C)

[‡‡]Full Beam Width at 50% Intensity

15PCT070T Series　5 LEDs
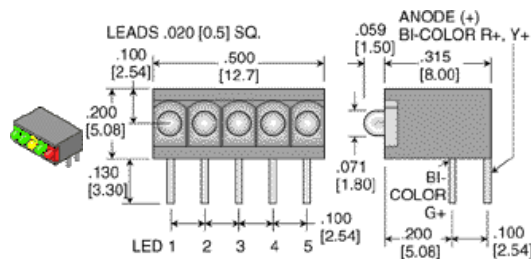
A custom-optioned example is pictured to the left.
Its Part Number would be "15PCT070T4-2GYGR" [Left to Right: 2 Greens;1 Yellow;1 Green;1 Red]

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle[‡‡]

Electrical-Optical Characteristics (Ta = 25°C)

Bicolor

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
									Electrical-Optical Characteristics (Ta = 25°C)	

‡‡Full Beam Width at 50% Intensity

18PCT070T Series   8 LEDs
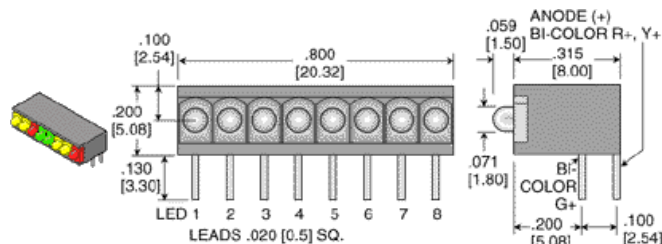
A custom-optioned example is pictured to the left.
Its Part Number would be "18PCT070T4-2YR2G2YR" [Left to Right: 2 Yellows;1 Red;2 Greens;2 Yellows;1 Reds]

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
									Electrical-Optical Characteristics (Ta = 25°C)	

Mixed Colors

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
									Electrical-Optical Characteristics (Ta = 25°C)	

Bicolor

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
									Electrical-Optical Characteristics (Ta = 25°C)	

‡‡Full Beam Width at 50% Intensity

110PCT070T Series   10 LEDs
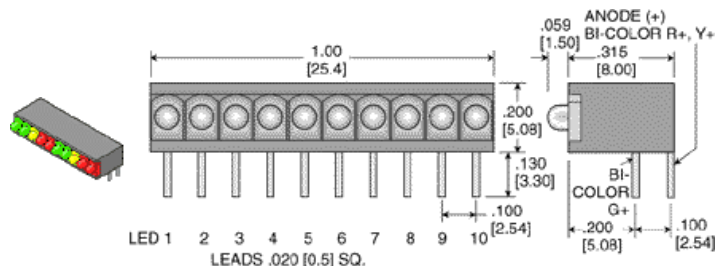
A custom-optioned example is pictured to the left.
Its Part Number would be "110PCT070T4-2GY2R2GY2R" [Left to Right: 2 Greens;1 Yellow;2 Reds;2 Greens;1 Yellow;2 Reds]

Single-Color

CLICK TO ORDER	PART NO. (DESCRIPTION)	PRICE	MIN BUY	Lens Type/Color	I_f, mA (typ)	I_v, mcd (typ)	V_f, V (typ)/(max)	λ_p, nm	LED Emitting Color	Viewing Angle‡‡
									Electrical-Optical Characteristics (Ta = 25°C)	
Call 800-579-4875 To ORDER	110PCT070TR4 (15RE)	Click For Volume Discount Thru Distributor		Diffused Red	10	12.5	2.0/2.6	625nm	⬛ Hi-Eff Red	40°
Call 800-579-4875 To ORDER	110PCT070TY4 (15RE)	Click For Volume Discount Thru Distributor		Diffused Yellow	10	5.5	2.1/2.6	590nm	⬛ Hi-Eff Yellow	40°

‡‡Full Beam Width at 50% Intensity

All specifications and pricing subject to change without notice.

Features:

- **One Year Warranty**
- 1.8mm-sized LEDs save space
- Housing material meets UL94V-0
- Facilitates PCB mounting

- Fast turn–on/off time I.C. compatible
- Colors can be mixed in a single housing
- Solid–state, high shock / vibration resistant
- Single color or bicolor configurations
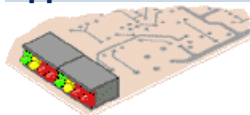- Long life / 100,000+ hours
- One piece housing

Options: For qualified applications and large quantity orders

- Sunlight Visible Ultrabrights
- Low Current (2mA) LEDs
- Special colors: Orange, Pure Green, Blue
- Infrareds 840nm, 880nm, 940nm –Clear illuminator LEDs for backlighting

Examples of part number ordering code (Mixed Color PCBs)
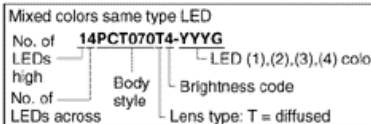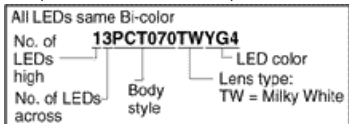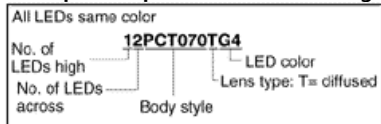
Applications:

Typical Application

Indoor LED Products	Outdoor LED Products	Standard LED Products	Industry–Specific Products
LED Tube Lights	Street Lights, Modular	Miniature Based LED Bulbs	Power Plant & Utilities Lights
Tube Light Fixtures	Street Lights, Cobrahead	Telephone Slide Base LEDs	Transportation & Railroad Lights
Linear Lights (cooler, high bay, tri–proof)	Street Lights, Low Voltage	Panel Indicators, Relampable	Elevator Industry LED Lights
Thin Panel Lights	Area Lights, Shoebox	Panel Indicators, Snap–In	Traffic & Signal Lights
CFL Style LED Bulbs	High Mast Flood Lights	PC Board LEDs	Solar Panels & Products
PAR & R Style LED Bulbs	Flood Lights	Appliance Bulbs	LED Safety Vests
LED Chandelier Bulbs	Wall Packs	Exit Sign & Appliance Bulbs	LED Chevron Mat
High Bay LED Lights	Canopy Lights	SMD & Discrete LEDs	Flashlights
Classic Style LED Bulbs	Post Top LED Lamps	Intermediate Based LED Bulbs	Darkroom Safelight LEDs
MR Style LED Bulbs	High Bay LED Lights	LED Beacon Lamps	LEDtronics NSN LEDs
LED Neon Rope & Strip Lighting	High Power LED Retrofit Kits	LED Machine Status Lamps	Safety Band / Roadside Hazard Light
Downlights		E12 Candelabra Bulbs	Automotive LED Bulbs
High Power LED Retrofit Kits			

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OSHA

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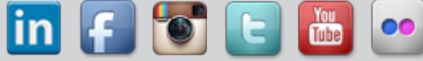
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