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T1 (3mm) Bicolor/Tricolor Dome LEDs

PRELIMINARY

Listings Are Under Construction

To order or check availability, please call LEDtronics, 1-800-579-4875

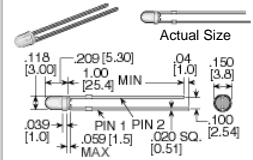


Figure A.
Bicolor 2-Lead LEDs (0.210-in. Body)

P/N	PIN 1	PIN 2
L120TWYG4A	Y+	G+
L120TWRY4A	R+	Y+
L120TWRG4A	R+	G+

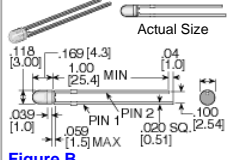


Figure B.
Bicolor 2-Lead LEDs (0.177-in. Body)

P/N	PIN 1	PIN 2
L120TWRY4B	R+	Y+
L120TWRG4B	R+	G+
L120TWOG4B	O+	G+
L120TWYG4B	Y+	G+

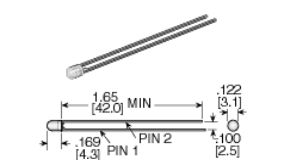


Figure C.
Bicolor Long-Leaded Indicator LEDs

P/N	PIN 1	PIN 2
L120TWYG5L	Y+	G+
L120TWRG5L	R+	G+

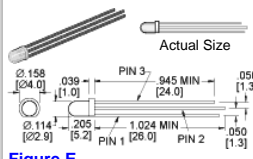


Figure E.
Bicolor (or Tricolor) 3-Lead LEDs (~1-inch Leads) (0.050-inch Lead Centers)

P/N	PIN 1	PIN 2	PIN 3
L120TWYG4A-3C/05	Y+	CC	G+
L120TWRY4A-3C/05	R+	CC	Y+
L120TWRG4A-3C/05	R+	CC	G+

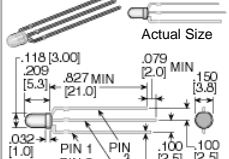


Figure F.
Tricolor 3-Lead LEDs (0.050-inch Lead Centers)

P/N	PIN 1	PIN 2	PIN 3
L120TWRG4B-3C	R+	CC	G+
L120TWBPBUG1K-3C	B+	CC	G+
L120TWBP1KY4-3C	B+	CC	Y+



Available as tape & reel for OEM customers

Lead content is less than 50 parts per million in all discrete and surface mount LEDs

Dimensions shown in inches [mm]

Electrical-Optical Characteristics (Ta = 25°C)

Order Mark	Part Number	Fig.	Retail Price (Volume Discount Available)	Emit- ted LED Color	Epoxy Lens Color	Chip Material	Ir (mA) typ	Iv (mcd) typ	Vf (V) typ/ max	λp (nm)	Δλ (nm)	Full Viewing Angle (2θ%)
Bicolor 2-Lead LEDs (0.210-inch Body)												
	L120TWYG4A	A		Yellow	White diffused	GaAsP/GaP	20	5.6	2.1/2.6	585	35	45°
				HE Grn		GaP	20	5.6	2.2/2.6	568	30	
	L120TWRY4A	A		HE Red	White diffused	GaAsP/GaP	20	5.6	2.0/2.6	635	45	45°
				Yellow		GaP	20	5.6	2.1/2.6	585	35	
	L120TWRG4A	A		HE Red	White diffused	GaAsP/GaP	20	5.6	2.0/2.6	635	45	45°
				HE Grn		GaP	20	5.6	2.2/2.6	568	30	
Bicolor 2-Lead LEDs (0.177-inch Body)												
	L120TWRY4B	B		HE Red	White diffused	GaAsP/GaP	20	35	2.0/2.6	635	45	55°
				Yellow		GaAsP/GaP	20	30	2.1/2.6	585	35	
	L120TWRG4B	B		HE Red	White diffused	GaAsP/GaP	20	45	2.0/2.6	635	45	55°
				HE Grn		GaP	20	50	2.2/2.6	568	30	
	L120TWOG4B	B		Orange	White diffused	GaAsP/GaP	20			610	35	55°
				HE Grn		GaAsP/GaP	20	50	2.2/2.6	568	30	
	L120TWYG4B	B		Yellow	White diffused	GaAsP/GaP	20	30	2.1/2.6	585	35	55°
				HE Grn		GaP	20	35	2.2/2.6	568	30	
Bicolor Long-Leaded Indicator LEDs												
	L120TWYG5L	C		Yellow	White diffused	GaAsP/GaP	20	60	2.1/2.6	585	35	45°
				HE Grn		GaP	20	35	2.2/2.6	568	30	
	L120TWRG5L	C		HE Red	White diffused	GaAsP/GaP	20	40	2.0/2.6	635	45	45°
				HE Grn		GaP	20	35	2.2/2.6	568	30	
Tricolor 3-Lead LEDs (approx .6-inch Leads) (0.05 in. Lead Centers)												
	L120TWRG4-3C/05	D		HE Red	White diffused	GaAsP/GaP	20	50	2.0/2.5	627	45	50°
				HE Grn		GaP	20	35	2.2/2.5	565	30	
Bicolor 3-Lead LEDs (approx 1-inch Leads) (0.05 in. Lead Centers)												
	L120TWRY4A-3C/05	E		HE Red	White diffused	GaAsP/GaP	20	50	2.0/2.5	627	45	50°
				Yellow		GaAsP/GaP	20	18	2.1/2.5	580	35	
	L120TWYG4A-3C/05	E		Yellow	White diffused	GaAsP/GaP	20	18	2.1/2.5	590	35	50°
				HE Grn		GaP	20	35	2.2/2.5	565	30	
Bicolor, Tricolor 3-Lead LEDs (0.10 in. Lead Centers)												
	L120TWRG4B-3C	F		HE Red	White diffused	GaAsP/GaP	20	25	2.0/2.6	635	45	55°
				HE Grn		GaP	20	35	2.2/2.6	585	30	
	L120TWBPBUG1K-3C	F		Supr Blue	White diffused	InGaN	20	150	3.5/4.0	470	20	40°
				Spr Green		InGaN	20	150	2.2/2.6	570	30	
	L120TWBP1KY4-3C	F		Supr Blue	White diffused	InGaN	20	250	3.5/4.0	470	30	40°
				Yellow		GaAsP/GaP	20	20	2.0/2.6	585	15	
Order Mark	Part Number	Fig.	Retail Price (Volume Discount Available)	Emit- ted LED Color	Epoxy Lens Color	Chip Material	Ir (mA) typ	Iv (mcd) typ	Vf (V) typ/ max	λp (nm)	Δλ (nm)	Full Viewing Angle (2θ%)