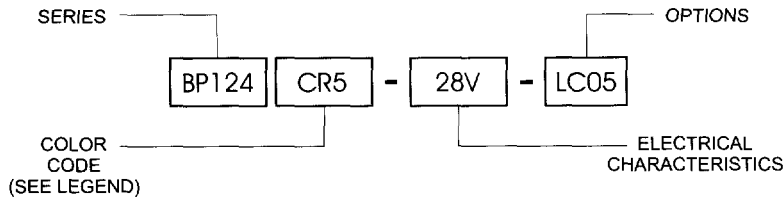
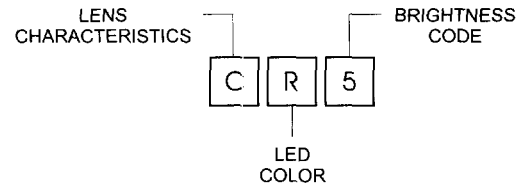


# T1 (3mm) BIPIN BASED LEDs

## PART NUMBER SELECTION GUIDE



## COLOR CODE LEGEND



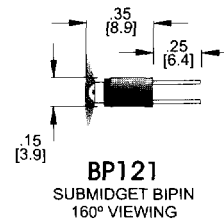
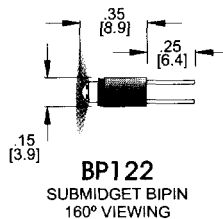
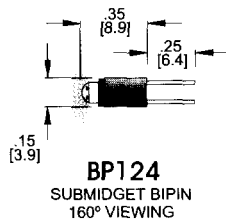
STANDARD	SERIES	COLOR CODE	ELECTRICAL CHARACTERISTICS	OPTIONS
	4 MULTICHIP BP124	<b>CODE</b> CR5 • [2] CY5 • [5] CG5 • [7]	<b>mcd</b> 12 10 22 <b>VDC</b> 5V 6V 12V 14V 24V 28V	LC05 - Lead Centers .050 LC10 - Lead Centers .100

LENS CHARACTERISTICS	LED COLOR	BRIGHTNESS CODE
C - CLEAR	R-RED O-ORANGE Y-YELLOW G-GREEN UB-ULTRA BLUE	5 - STANDARD 6 - STANDARD 1K - HIGH INTENSITY 3K - HIGH INTENSITY 500 - HIGH INTENSITY

CUSTOM	SERIES	COLOR CODE	ELECTRICAL CHARACTERISTICS	OPTIONS
	SINGLE CHIP BP121	<b>CODE</b> CR6 • [1] CO3K • [3] CY3K • [4] CG1K • [6] CUB500 • [12]	<b>mcd</b> 12 10 22 <b>VDC</b> 2VF 5V 6V 12V 14V 24V 28V	LC05 - Lead Centers .050 LC10 - Lead Centers .100
	2 MULTICHIP BP122	<b>CODE</b> CR6 • [1] CO3K • [3] CY3K • [4] CG1K • [6] CUB500 • [12]	<b>mcd</b> 12 10 22 <b>VDC</b> 2VF 4VF 5V 6V 12V 14V 24V 28V	LC05 - Lead Centers .050 LC10 - Lead Centers .100

## PART SPECIFICATIONS

- PART NUMBERS CONSISTING OF OPTIONS NOT FOUND IN THE STANDARD BOX ARE CUSTOM.
- FOR A COMPLETE PART NUMBER SELECT ONE OPTION FROM EACH OF THE FOUR COLUMNS FROM LEFT TO RIGHT.
- BRIGHTNESS CODES LISTED ARE SET BY THE FACTORY FOR ALL COLORS. THE ABOVE CHART IS FOR REFERENCE ONLY.
- LAMPS SPECIFYING "F" AT THE END OF THE VOLTAGE OPTION DO NOT HAVE ANY INTERNAL RESISTANCE. THESE PARTS REQUIRE THE ENGINEER TO INCORPORATE A SERIES RESISTOR EXTERNAL TO THE LAMP TO LIMIT THE CURRENT FOR PROPER OPERATION. (ie: BP124CG5-8VF-LC10)
- LAMPS IN THE SAME SERIES HAVING THE SAME RELATIVE BRIGHTNESS ARE DENOTED IN THE COLOR CODE COLUMN WITH THE SAME NUMBER OF MATCHING SYMBOLS (i.e. •, ••, \*\*\*).
- INTENSITY RATINGS ARE IN MILLICANDELA (mcd) AND ARE TAKEN AT 10-12mA FOR SERIES 1, 2 & 4 MULTICHIPS BEFORE MODIFICATION OR PACKAGING INTO FINAL LAMP ASSEMBLY.



nm	Color Code
660	1
635	2
610	3
590	4
585	5
572	6
565	7
555	8
525	9
505	10
450	11
430	12

## FOR REPLACEMENT OF STANDARD INCANDESCENT LAMP NUMBERS:

Bipin: 683, 713, 715, 6022, 6832, 6834, 6838, 7132, 7152, 7219, 7265, 7680, 7683, 7714, 7715, 7839, 8099, ...

# LEDTRONICS