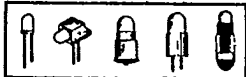




LEDTRONICS, Inc



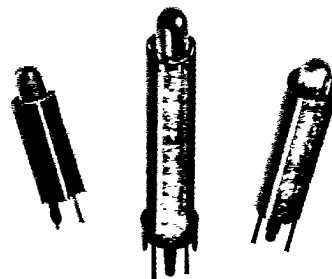
3mm CLEAR & DIFFUSED LENS

T1 Variable Height BIPINS

SERIES BP180 STD/ BP2120 KEYED

FEATURE:

- * PCB LEDS IN VARIABLE HEIGHTS & KEYED TYPES
- * LONG LIFE 100,000 HRS (10 YRS PLUS AVE)
- * SOLID-STATE. HIGH SHOCK/VIBRATION RESISTANCE
- * BUILT-IN CURRENT LIMITING RESISTOR FOR DIRECT APPLICATIONS FOR AC OR DC VOLTAGES.
- * HIGH INTENSITY ILLUMINATION. CHOICE OF 5 COLORS
- * LOW CURRENT. POWER SAVINGS 100 TO 500% & MORE
- * PRESS-IN MOUNTING FOR ACCURATE PCB MOUNTING
- * SUITED FOR PCB MOUNTED PANEL INDICATORS, FOR FRONT PANEL LEGEND ILLUMINATION, BACKLIGHTING, CIRCUIT STATUS INDICATORS ETC
- * AVAILABLE VOLTAGES FROM 2V TO 28VDC



OPTIONS: SAME PACKAGE WITH T1-3/4 (5mm) FLANGELESS 0.20"OD LEDS IN CLEAR OR DIFFUSED, EXTRA WIDE ANGLE OR WIDE ANGLE ILLUMINATORS, MULTICHIP LEDS ETC

T1 (3mm) SERIES BP180 VARIABLE HEIGHT

Model BP180

PART NO:

BP180 CW R 5 - 5V/40 - A

MODEL
BP180=STD.DOME

LENS TYPE
CW=WATER CLEAR
C=CLEAR T=DIFFUSED

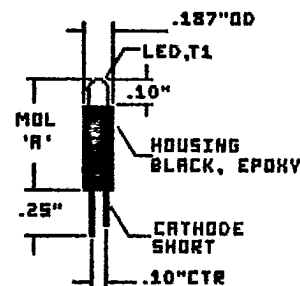
LED COLOR
R=RED LY=LIME YELLOW
O=ORANGE G=STD GREEN
A=AMBER PG=PURE GREEN

BRIGHTNESS CODE
5=ULTRA-BRIGHT
4=HI-EFFICIENCY
1=STD.RED[DIFF]

HEIGHT [M.O.L.]
040=.40", .050=.50"
060=.60", .070=.70"
OTHER HEIGHTS
AVAILABLE

VOLTS/CURRENT
2V=EXT RESIS REQD
5V/20mA, 30mA, 40mA
10V/10mA, 20mA, 30mA
12V/10mA, 20mA, 25mA
18V/10mA, 15mA
24V/12mA, 28V/12mA

NOTE: SEE DISCRETE LED DATA FOR COMPLETE ELECTRO-OPTICAL SPECIFICATIONS

**T1 (3mm) SERIES BP2120 PUSH-IN KEYED**

Model BP2120

PART NO:

BP2120 CW R 5 - 5V/40 - A

MODEL
BP2120=T1 DOME

LENS TYPE
CW=WATER CLEAR
C=CLEAR T=DIFFUSED

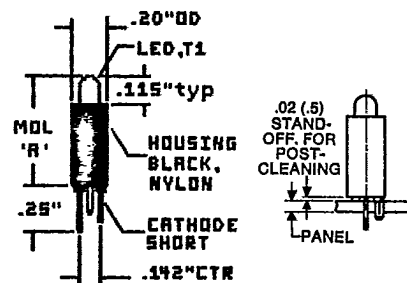
LED COLOR
R=RED LY=LIME YELLOW
O=ORANGE G=STD GREEN
A=AMBER PG=PURE GREEN

BRIGHTNESS CODE
5=ULTRA-BRIGHT
4=HI-EFFICIENCY
1=STD.RED[DIFF]

HEIGHT [M.O.L.]
058=.58", .081=.81"
125=1.25", 135=1.35"
OTHER HEIGHTS
AVAILABLE

VOLTS/CURRENT
2V=EXT RESIS REQD
5V/20mA, 30mA, 40mA
10V/10mA, 20mA, 30mA
12V/10mA, 20mA, 25mA
18V/10mA, 15mA
24V/12mA, 28V/12mA

NOTE: SEE DISCRETE LED DATA FOR COMPLETE ELECTRO-OPTICAL SPECIFICATIONS



NOTE: MUST USE SAME COLOR LED AS THE LENS /FILTER COLOR. COLORLESS TRANSLUCENT WHITE LENS/FILTER IS BEST.

FOR HUNDREDS OF OTHER BIPIN/LED/SPACER COMBINATIONS Call FACTORY