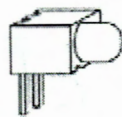


CBI Product SEARCH

Details For Part Number: 550-0205

Product Description



LED Circuit Board Indicator

LED Information

Size 5mm

Color Green

Luminous Intensity

Forward Current (mA)

LED Type

LED Description

Peak Current (mA)

Forward Voltage (V)

Wavelength (nm)

Power Dissipation (mW)

Viewing Angle 20°

Reverse Voltage

Housing Information

Mounting Application

Viewing Configuration

Level or Block Options

LED Dimension from PCB

Housing Mounting Pitch

Product Information

Compatible with Other Products Compatible With 550-xx05-003 and 550-xx05-004



Reverse Breakdown Voltage 3.0 model (bv)
current at bv 10µ model (ibv)

$R_{TH-ja} = 260$

42mA @ 3.0V

30mA @ 2.5V

20mA @ 2.1V

10mA @ 2.2V

30mA @ 2.5V

60mA @ 3.0V

90mA @ 3.4V

Typical: 12.3mcd IF=20mA

Minimum: 3.5mcd IF=20mA

30mA ratings (iavg)

Diffused LED

General Purpose LED

120mA ratings (imax)

Typical: 2.1V IF=20mA

Maximum: 2.8V IF=20mA

565nm Peak

100mW

60°

5V Min

ratings (pdmax-ja)

ratings (piv) @ 10mA

$BV = 3.8$

$CJO = 10 \times 10^{-12} 18pF$

$EG = 1.11$

$FC = 0.5$

$IBV = 10 \times 10^{-6}$

$IKF = 28.224E-3$

$IS = 10.00 \times 10^{-21}$

$ISR = 100 \times 10^{-12}$

$M = 0.3333$

$N = 1.9446$

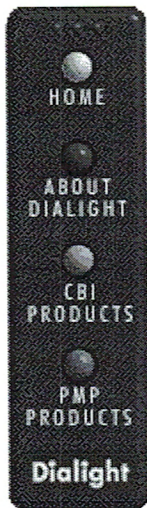
$NR = 2$

$RS = 10 \times 10^{-3} 13.214$

$TT = 5.0 \times 10^{-9}$

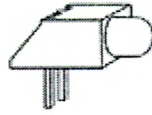
$VJ = 0.75$

$XTI = 3$



CBI Product SEARCH **Details For Part Number: 550-0406**

Product Description



LED Circuit Board Indicator

LED Information

Size
Color
Luminous Intensity
Forward Current (mA)
LED Type
LED Description
Peak Current (mA)
Forward Voltage (V)
Wavelength (nm)

5mm
Red
Typical: 12.3mcd IF=20mA
Minimum: 3.5mcd IF=20mA
40mA
Diffused LED
General Purpose LED
200mA
Typical: 2V IF=20mA
Maximum: 2.8V IF=20mA
635nm Peak

Power Dissipation (mW)
Viewing Angle 20½
Reverse Voltage

80mW
60°
5V Min

Housing Information

Mounting Application
Viewing Configuration
Level or Block Options

Through Hole
Right Angle
Single CBI

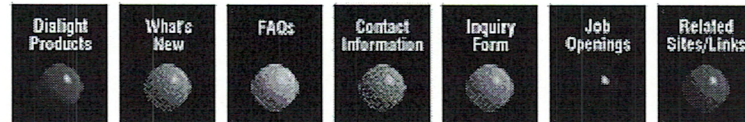
LED Dimension from PCB
Housing Mounting Pitch

LED .118 From PCB
.250

Product Information

Additional Product Information

Discontinued; Use 550-xx07



Reverse Breakdown Voltage
current at 6V

3.0
10µs

model (6V)
model (10V)

$R_{thja} = 260$

$BV = 3.8$
 $CJO = 11PF$
 $EG = 1.1$
 $FC = 0.5$
 $IBV = 10.0 \times 10^{-6}$
 $IKV = 18.312E-3$
 $IS = 1.08E-9$
 $ISR = 100.00E-12$
 $M = 0.333$
 $N = 2.22M$
 $NR = 2$
 $RS = 1.0 \times 10^{-3}$
 23.948
 $TT = 5 \times 10^{-9}$
 $VJ = 0.75$
 $XTI = 3$

$90mA @ 3.5V$
 $60mA @ 3.0V$
 $20mA @ 2.0V$
 $40mA @ 1.9V$
 $40mA @ 2.5V$
 $60mA @ 3.0V$
 $90mA @ 3.5V$

mcd = millicandelas

ratings (avg)

ratings (imax)

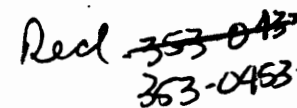
ratings (pdmax-ja)

ratings (piV)

$$D = \frac{R_1}{R_2 + 2 \times R_1}$$

V-ECFVDC682J155
V-ECPUIC105MAS
V-ERJ14YJ105
V-ERJ14YJ221

91.92855429;# 1/1



Green 353-0453-030

Post-It™ brand fax transmittal memo 7671		# of pages = 1
To Tom Thurman	From Ken Buchanan	
Co. Rockwell	Co. ADL/ATI	
Dept.	Phone # 843-766-4356	
Fax # 319-295-5429	Fax # 843-267-5285	

QTY REQD.	FSCN NO.	PART OR IDENTIFYING NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			CONTRACT NO.