



Customer Product/Process Change Notification

PCN # OES17020102_551

Issued Date: 1/27/2017

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Change affects whole product family?

Part #'s affected (See attached if entire product family is affected)

5510411804F,5510112808F,HLMP1300101F,102F,103F,104F;HLMP1301101F,102F,103F,104F,106F,108F;
HLMP1302101F,102F,103F,104F,107F

Description of Change:

Replaced RED Diffused LED with an equivalent LED.

Reason for Change:

LED used in this CBI is EOL by Supplier.

Properties of Old vs. Changed Product:

See attached comparison Sheet

Disposition of Old Product:

Use until depleted.

Expected Implementation Date:

Last Time Buy Date:

Customer Feedback Expected by:

Additional Comments: (Include Potential Risks if Appropriate)

None

Supporting Qualification Data:

Available Upon Request. LED is used in Standard products.

Approved By:

(Minimum of three approvals are required.)

Vice President of Operations: _____

Vice President of Sales OED/Signals: Matt Boudiette

Director of Customer Service: Kathy Smith

Vice President of Marketing: _____

Director of Quality: Angel Escamilla

LED COMPARISON TABLE:

For 5510411804F,808F, HLMP

OLD and New Replacement Part

LUMINOUS INTENSITY (mcd) RED
 FORWARD VOLTAGE (V) RED
 PEAK WAVELENGTH (nm) RED
 DOMINANT WAVELENGTH (nm) GREEN
 VIEWING ANGLE 2 1/2 (deg)
 REVERSE VOLTAGE

POWER DISSIPATION (mW)
 PEAK PULSE FORWARD CURRENT(mA)
 CONTINUOUS FORWARD CURRENT (mA)
 DERATING LINEARLY FROM (mA/C°)
 REVERSE VOLTAGE (IR=100 μA)
 OPERATING TEMP. RANGE (C°)
 STORAGE TEMP. RANGE (C°)
 LEAD Reflow SOLDERING TEMP. (C°)

3MM Dia Thru Hole TINTED DIFFUSED LED
 LED EMITTING COLOR
 LED EPOXY COLOR
 LED LEADS
 LED DIE TECHNOLOGY

5510411804F,808F EOL PART SPECS**OPERATING CHARACTERISTICS @ 25° AMBIENT**

If	MIN	TYP	MAX
10	8.6	13.8	18
10		1.9	2.4
		635	
	625	630	635
		60	
		5V	

ABSOLUTE MAXIMUM RATINGS @ TA=25° C

500
30
(50°) 0.50
5
-55 TO + 100
-55 TO +100
260C FOR 5 SECONDS

PHYSICAL DIMENSIONS

521-9841F
 RED
 RED DIFFUSED
 Pb FREE RoHS
 GaP RED

5510411804F,808F REPLACEMENT LED SPECS**OPERATING CHARACTERISTICS @ 25° AMBIENT**

If	MIN	TYP	MAX
10	7.4	10	
10		2	2.8
		635	
	626	630	635
		60	
		4V	

ABSOLUTE MAXIMUM RATINGS @ TA=25° C

100
120
30
(50°) 0.40
5
-55 to +100
-55 to + 100
260C FOR 5 SECONDS

PHYSICAL DIMENSIONS

RED
 RED DIFFUSED
 Pb FREE RoHS
 GaP RED