



Customer Product/Process Change Notification

PCN # OES10022501_55X

Issued Date: 10/25/2010

Issued By: Anthony Ferrigno

Author: Anthony Ferrigno

Change affects whole product family? No

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

See attached spreadsheet on page 2.

Description of Change:

Replacement of 5mm LED.

Reason for Change:

MFR discontinued LED and offered a last time buy.

Properties of Old vs. Changed Product:

See attached spreadsheet on page 3.

Disposition of Old Product:

Use until depleted.

Expected Implementation Date:

Customer Feedback Expected by:

Additional Comments: (Include Potential Risks if Appropriate)

LED epoxy color was amber and replacement is yellow in off-state. When illuminated parts are similar.

Supporting Qualification Data:

Available upon request.

Approved By:

(Minimum of three approvals are required.)

Vice President of Operations: _____

Vice President of Sales OED/Signals: _____

Director of Customer Service: Kathy Smith

Channel and Marketing Director: Robert E. Derringer

Director of Quality: Rich Liskoff

DIALIGHT PRODUCTS

521-9248F

550-0001-868F

550-0002-802F

550-0003-822F

550-0003-824F

550-0004-855F

550-2304-004F

550-2304100F

550-2304F

550-2305-003F

550-2305-004F

550-2305-100F

550-2305F

550-2307-002F

550-2307-004F

550-2307-010F

550-2307-100F

550-2307-801F

550-2307-804F

550-2307-807F

550-2307-808F

550-2307-811F

550-2307F

550-2308-010F

550-2308F

550-2312F

552-0001-804F

552-0203-802F

552-0203F

552-0213-802F

552-0213F

552-0223-802F

552-0223-803F

552-0223F

552-0230F

552-0231-802F

552-0231F

552-0232-802F

552-0232F

552-0233-802F

552-0233-803F

552-0233F

559-2101-831F

559-2301-001F

559-2301-003F

559-2301-007F

559-2301-817F

559-2301-819F

559-2301-820F

559-2301-822F

561-2301-801F

5mm YELLOW DIFFUSED	LED COMPARISON TABLE							
	Discontinued Starting 10/4/2010				Replacement			
	OPERATING CHARACTERISTICS @ 25° AMBIENT				OPERATING CHARACTERISTICS @ 25° AMBIENT			
	If (mA)	MIN	TYP	MAX	If (mA)	MIN	TYP	MAX
LUMINOUS INTENSITY (mcd)	10	5.7	8	18.4	10	12	29	40
FORWARD VOLTAGE (V)	10	1.5	2	2.4	20		2.1	2.6
PEAK WAVELENGTH (nm)			583				585	
DOMINANT WAVELENGTH (nm)			585			585	590	595
VIEWING ANGLE 2θ1/2 (deg)	10		60				50	
REVERSE CURRENT (μA) (VR=5V)				100				100
	ABSOLUTE MAXIMUM RATINGS @ TA=25° C				ABSOLUTE MAXIMUM RATINGS @ TA=25° C			
POWER DISSIPATION (mW)		85				52		
PEAK PULSED FORWARD CURRENT (mA)		60				60		
CONTINUOUS FORWARD CURRENT (mA)		20				20		
REVERSE VOLTAGE (IR=100 μA)		5				5		
LINEAR DERATING FROM 50°C (mA/°C)						0.25		
OPERATING TEMP. RANGE (°C)		-55 to +100				-55 to +100		
STORAGE TEMP. RANGE (°C)		-55 to +100				-55 to +100		
LEAD SOLDERING TEMP. (°C) FOR 5 SEC.		260				260		
	PHYSICAL DIMENSIONS				PHYSICAL DIMENSIONS			
LED EMITTING COLOR		YELLOW				YELLOW		
LED EPOXY COLOR		AMBER DIFFUSED				YELLOW DIFFUSED		
DIE TECHNOLOGY		GaP YELLOW				GaP YELLOW		
LED LEADS		Pb FREE RoHS				Pb FREE RoHS		