



Customer Product/Process Change Notification

PCN # OES15112401_557

Issued Date: 2015Nov25

Issued By: Shaun Koehler

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Change affects whole product family? N

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

557-1501-203F; 557-1503-803F, -807F; 557-1505-801F, -806F

Description of Change:

LED has gone EOL and is being replaced by a brighter Red LED.

Reason for Change:

LED has gone end of life

Properties of Old vs. Changed Product:

See attached comparison Specs.

Disposition of Old Product:

Use until inventory is depleted

Expected Implementation Date:

Customer Feedback Expected by:

Additional Comments: (Include Potential Risks if Appropriate)

Supporting Qualification Data:

Approved By:

(Minimum of three approvals are required.)

Vice President of Operations: N/A

Vice President of Sales OED/Signals: N/A

Product Manager: Shaun Koehler

Director of Customer Service: Kathy Smith

Director of Corporate Quality: Rich Liskoff

LED COMPARISON TABLE:								
			EOL LED					
3MM WHITE color 2 LEADED LED WHITE EPOXY	557-1501-203F; 557-1503-803F, -807F; 557-1505-801F, -806F				Replacement LED			
DIFFUSED								
	OPERATING CHARACTERISTICS @ 25° AMBIENT				OPERATING CHARACTERISTICS @ 25° AMBIENT			
	If	MIN	TYP	MAX	If	MIN	TYP	MAX
LUMINOUS INTENSITY (mcd)	20mA	100	200		20mA	100	300	
FORWARD VOLTAGE (V)	20mA		1.8	2.5	20mA		2	2.4
PEAK WAVELENGTH (nm)			660				632	
DOMINANT WAVELENGTH (nm)			647				624	
VIEWING ANGLE 2θ1/2 (deg)				30				45
	ABSOLUTE MAXIMUM RATINGS @ TA=25° C				ABSOLUTE MAXIMUM RATINGS @ TA=25° C			
POWER DISSIPATION (mW)				125				120
Transient pulsed CURRENT(mA) 10micro sec pulse				300				
CONTINUOUS FORWARD CURRENT (mA)				50				50
DERATING LINEARLY FROM (mA/C°)				(25°) 0.667				(50°) 0.6
REVERSE CURRENT				100				100
OPERATING TEMP. RANGE (C°)				-30 to +85				-40 to +100
STORAGE TEMP. RANGE (C°)				-30 to +100				-55 to +100
LEAD SOLDERING TEMP. (C°) 1/16th from base								260C FOR 5 SECONDS
	PHYSICAL DIMENSIONS				PHYSICAL DIMENSIONS			
LED EMITTING COLOR				Red				Red
LED EPOXY COLOR				WHITE DIFFUSED				Red Transparent
LED LEADS				Pb FREE RoHS				Pb FREE RoHS
LED DIE TECHNOLOGY				GaAlAs				AllnGaP
NOTES:								
REVERSE VOLTAGE Vr Condition is applied for IR test only. The device is not designed for REVERSE OPERATION								