Customer Product/Process Change Notification

PCN # OES15110902_586

Issued Date: 2015Nov09

Issued By: Shaun Koehler

Author: Shaun Koehler

Change affects whole product family?	N

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

586-1102-101F, -103F, 105F, -001F, -003F, -005F; 586-1A02-101F, 103F, -105F, -802

Description of Change:

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

Reason for Change:

LED has gone end of life

Properties of Old vs. Changed Product:

See attached comparision Specs.

Disposition of Old Product:

Use until inventory is depleted

Expected Implementation Date:	Immediate
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: _____

Vice President of Sales OED/Signals: _____

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 DIFFUSED	586-1102-101F, -103F, -105F, -001F, -003F, -005F; 5861A02101F, -103F, -105F, -802					Replacement LED			
	OPERATING CHARACTERISTICS @ 25° AMBIENT					OPERATING CHARACTERISTICS @ 25° AMBIENT			
	If	MIN	TYP	MAX		If	MIN	TYP	MAX
LUMINOUS INTENSITY (mcd)	20mA	300	575	850		20mA	680	1000	1900
FORWARD VOLTAGE (V)	20mA	3	3.4	4		20mA		3.2	3.8
PEAK WAVELENGTH (nm)								518	
DOMINANT WAVELENGTH (nm)		519	525	531			515	525	535
VIEWING ANGLE 2ø1/2 (deg)	80					30			
	ABSOLUTE MAXIMUM RATINGS @ TA=25° C					ABSOLUTE MAXIMUM RATINGS @ TA=25° C			
POWER DISSIPATION (mW)	125					114			
Transient pulsed CURRENT(mA) 10micro sec pulse	100					100			
CONTINUOUS FORWARD CURRENT (mA)	30					30			
DERATING LINERALY FROM (mA/C°)	(40°) 0.5					(40°) 0.5			
REVERSE CURRENT	5					50			
OPERATING TEMP. RANGE (C°)	-30 to +85					-30 to +85			
STORAGE TEMP. RANGE (C°)	-40 to +100					-40 to +100			
LEAD SOLDERING TEMP. (C°) 1/16th from base	260C FOR 10 SECONDS					260C FOR 5 SECONDS			
	PHYSICAL DIMENSIONS					PHYSICAL DIMENSIONS			
LED EMITTING COLOR	GREEN					GREEN			
LED EPOXY COLOR	WHITE DIFFUSED					WHITE DIFFUSED			
LED LEADS	Pb FREE RoHS					Pb FREE RoHS			
LED DIE TECHNOLOGY	InGaN					InGaN			
NOTES:									
REVERSE VOLTAGE Vr Condition is applied for IR test only. The device is not designed for REVERSE OPERATION									