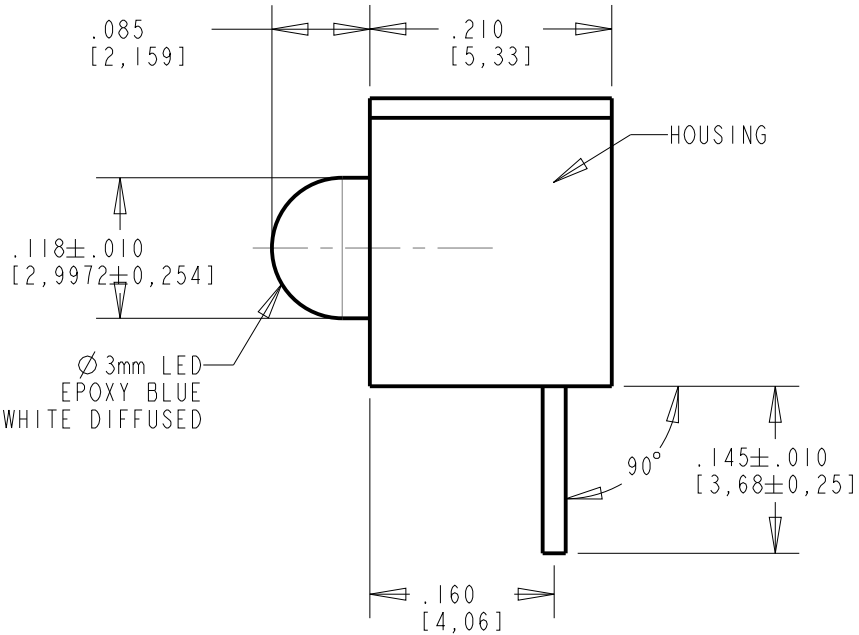
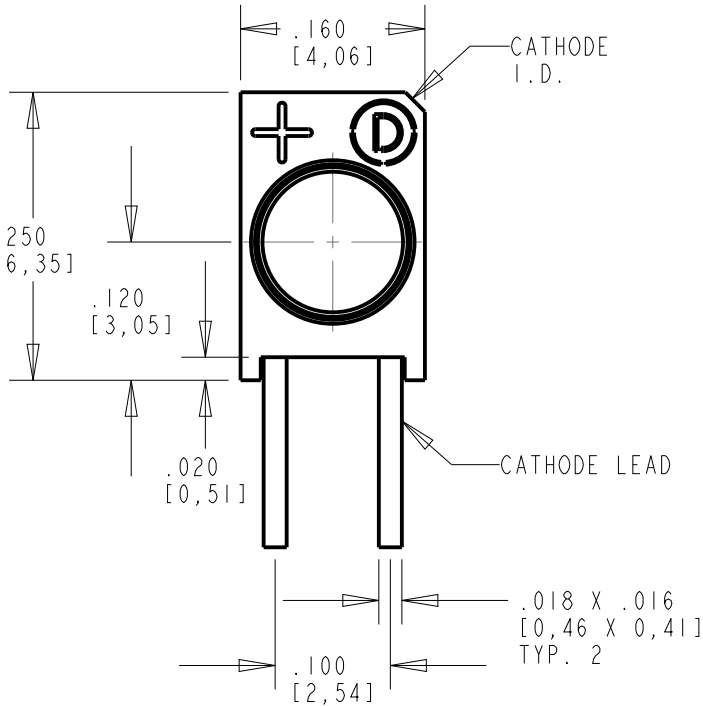


DIALIGHT PART NUMBER	OPERATING CHARACTERISTICS AT 25° C AMBIENT										TEST CONDITION	
	FORWARD VOLTAGE / CURRENT			REVERSE VOLTAGE (V)	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)			LUMINOUS INTENSITY (mcd)			
	MIN	TYP	MAX		TYP	MIN	TYP	MAX	MIN	TYP		MAX
551-2809MF	2.0 V	2.7 V	3.5 V	V _R =10V MAX @ 5μA	468	460	470	475	11	16	23	I _F =2 mA

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	HAV	WFB	JTD	8-21-14
B	—	ADDED DOMINANT WAVELENGTH SPEC'S AND ABSOLUTE MAX SPEC'S	VP	JDP	NO	8-14-15

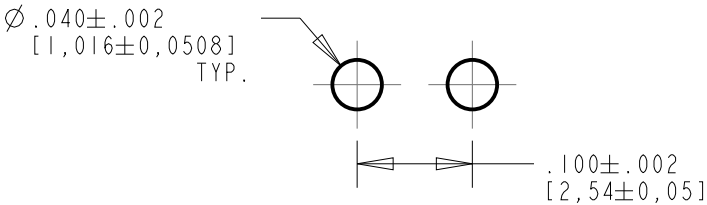


RoHS COMPLIANT 551-XX09MF

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 551-2809MF
Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

NOTES:

1. DIALIGHT PART NUMBER: 551-2809MF.
2. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
3. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
4. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. LEAD FINISH: MATTE TIN PLATED.
6. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



RECOMMENDED HOLE PATTERN GAUGE

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	BLUE	UNITS
POWER DISSIPATION	120	mW
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	100	mA
DERATING LINEAR FROM 30°C	0.5	mA/°C
REVERSE VOLTAGE	5	V
SOLDERING TEMPERATURE (.079" FROM BODY)	260 FOR 5 SEC	°C
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-55 TO +100	°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 6.000	DRAWING NUMBER C-18113	REV B
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE Ø3mm BLUE LED CBI RoHS COMPLIANT, MATTE TIN	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015		
ANGLES: ±3°	MATERIAL	
FINISH:		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: