

RoHS COMPLIANT 561-XX0X-XXXNF

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 561-5902-080NF
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.

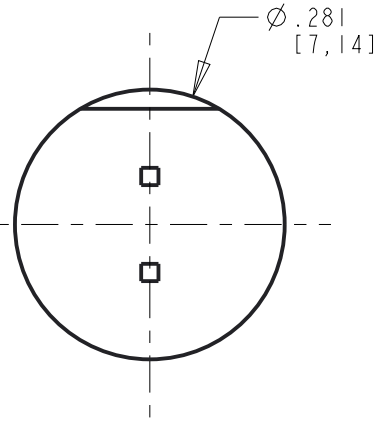
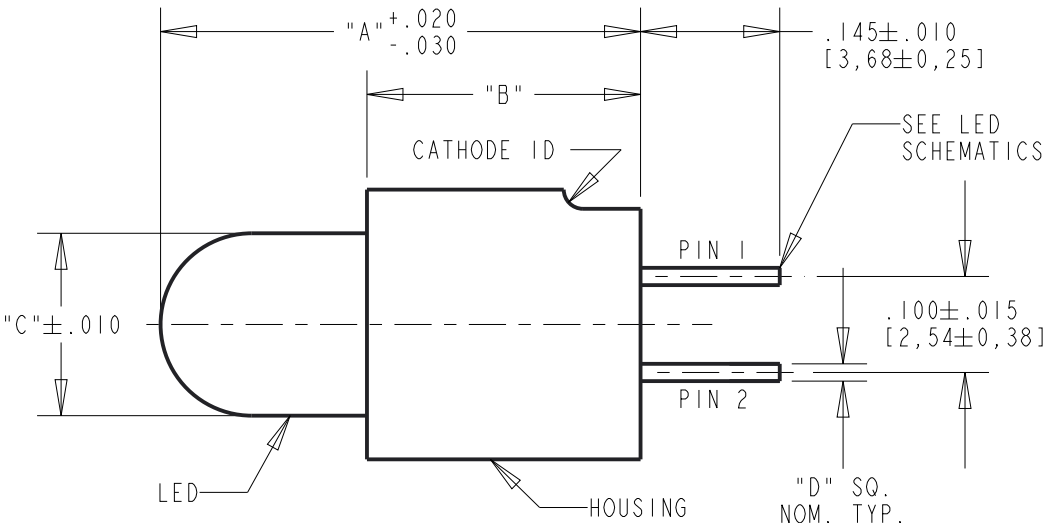


ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

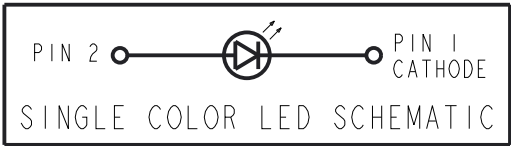
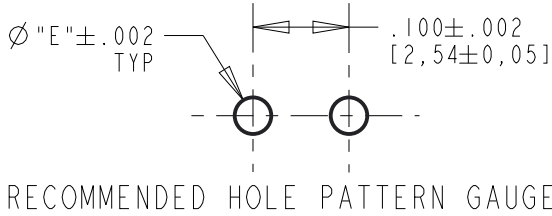
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	123977	NEW RELEASE	LD	CS		11-4-24

DIALIGHT PART NUMBER	DIM "C"	DIM "D"	DIM "E"	LED COLOR	OPERATING CHARACTERISTICS AT 25°C AMBIENT										ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT							
					TEST CONDITION	LUMINOUS INTENSITY (cd)		DOMINANT WAVELENGTH (nm)		FORWARD VOLTAGE (V)			REVERSE CURRENT (μA) Vr=5V	CHROMACITY COORDINATES (nm)		POWER DISSIP- ATION (mW)	DC FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE (V)	STORAGE TEMP (°C)	OPERATING TEMP (°C)	SOLDERING TEMP FOR 5 SECONDS (°C)
						MIN	TYP	MIN	MAX	MIN	TYP	MAX	MAX	X	Y							
561-5902-XXXNF	.197	.020	.043	GREEN	IF = 20mA	—	16	520	535	2.75	3.2	3.55	50	.17	.70	124	35	110	5	-40 TO +100	-30 TO +85	260
561-1002-XXXNF	.197	.020	.043	BLUE	IF = 20mA	—	4.7	465	475	2.65	3.1	3.45	—	.133	.075	120	35	110	5	-40 TO +100	-30 TO +85	260

P/N SUFFIX (-XXXNF)	DIM "A"	DIM "B"
-050NF	.500	.275
-060NF	.600	.375
-070NF	.700	.475
-080NF	.800	.575
-090NF	.900	.675
-100NF	1.000	.775



- NOTES:
- 1. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
 - 2. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
 - 3. PIN NUMBERS FOR REF ONLY, DESIGNATION NON-EXISTENT ON PART.
 - 4. DIALIGHT PART NUMBERS: 561-XX0X-XX0F.
 - 5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



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SCALE: 5.000	DRAWING NUMBER C-18785	REV A
ALL DIM's: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE Ø5mm VERTICAL CBI RoHS COMPLIANT	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005		
ANGLES: ±3°	MATERIAL	
FINISH	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
FSCM 83330		
SHEET 1 OF 1		FAMILY TABLE: