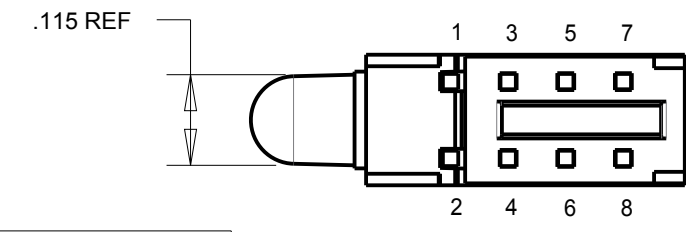
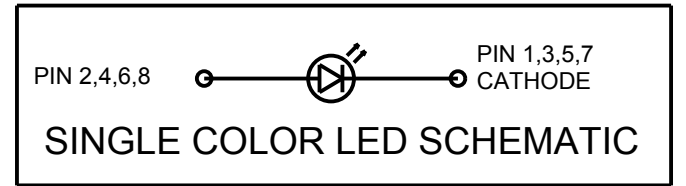
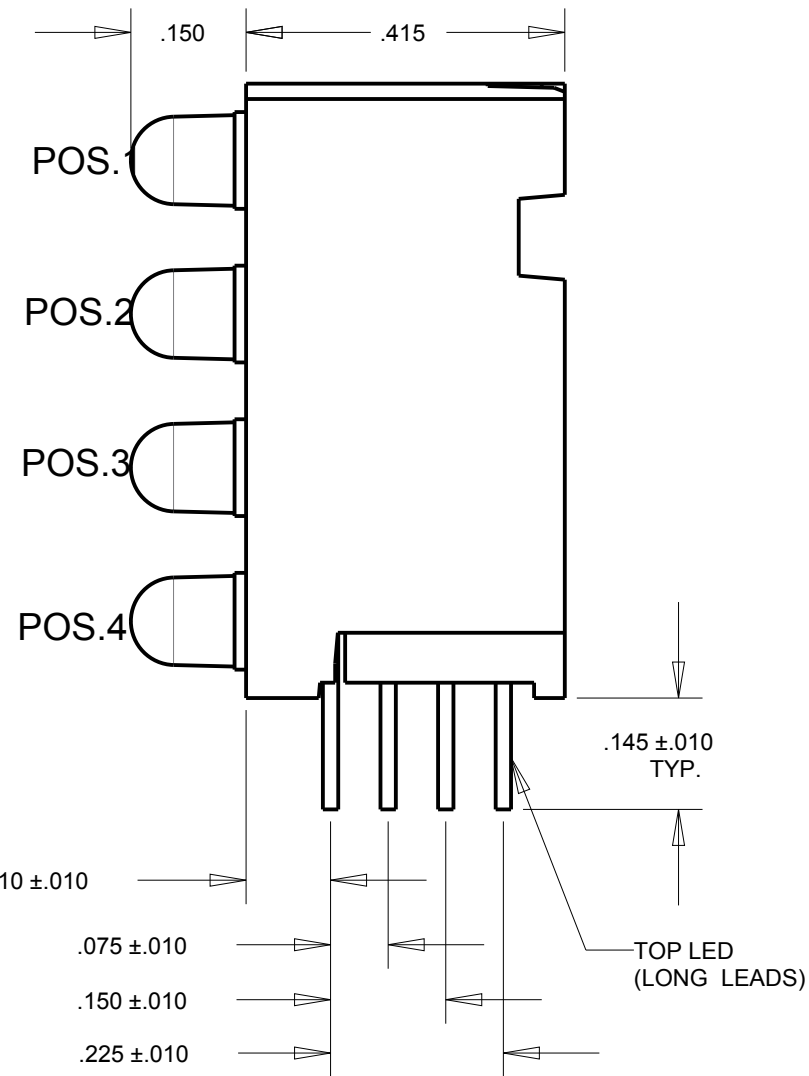
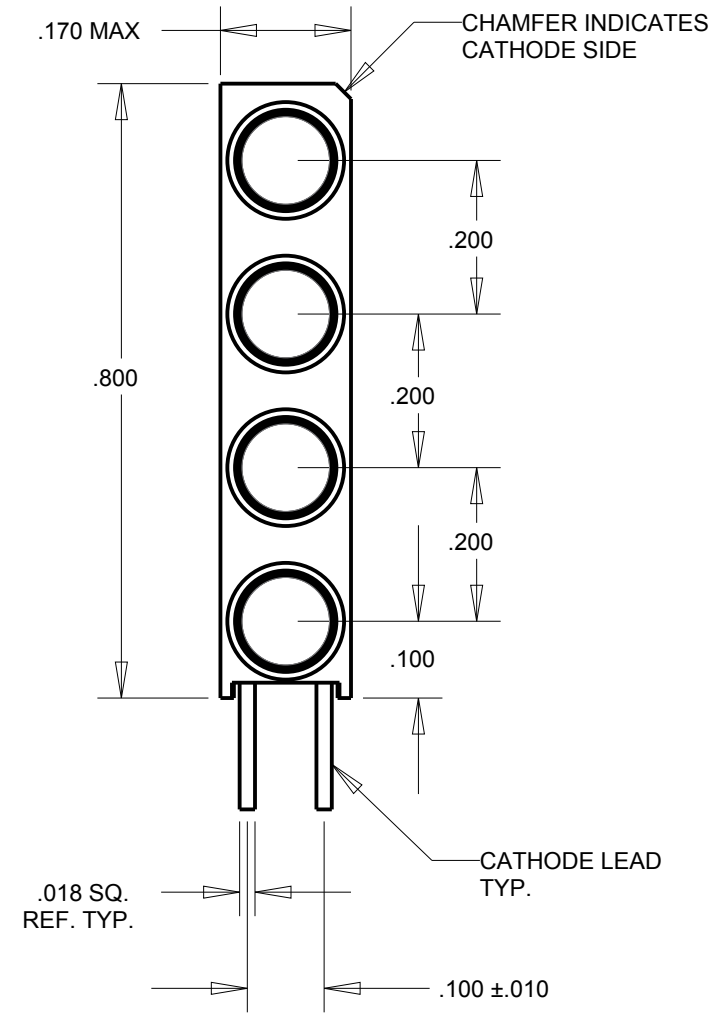


PART NUMBER and LEGEND	LED COLOR			
	POS 1	POS 2	POS 3	POS 4
568-0100-021F	** BLANK **	** BLANK **	GREEN	RED
568-0100-022F	** BLANK **	** BLANK **	GREEN	GREEN
568-0100-129F	** BLANK **	RED	GREEN	BLUE
568-0100-132F	** BLANK **	RED	YELLOW	GREEN
568-0100-220F	** BLANK **	GREEN	GREEN	** BLANK **
568-0100-310F	** BLANK **	YELLOW	RED	** BLANK **
568-0101-001F	* RED *	** BLANK **	** BLANK **	RED
568-0101-010F	* RED *	** BLANK **	RED	** BLANK **
568-0101-023F	* RED *	** BLANK **	GREEN	YELLOW
568-0101-000F	* RED *	** BLANK **	** BLANK **	** BLANK **
568-0101-110F	* RED *	RED	RED	** BLANK **
568-0101-011F	* RED *	** BLANK **	RED	RED
568-0101-111F	* RED *	RED	RED	RED
568-0101-112F	* RED *	RED	RED	GREEN
568-0101-113F	* RED *	RED	RED	YELLOW
568-0101-122F	* RED *	RED	GREEN	GREEN
568-0101-123F	* RED *	RED	GREEN	YELLOW
568-0101-132F	* RED *	RED	YELLOW	GREEN
568-0101-212F	* RED *	GREEN	RED	GREEN
568-0101-222F	* RED *	GREEN	GREEN	GREEN
568-0101-223F	* RED *	GREEN	GREEN	YELLOW
568-0101-232F	* RED *	GREEN	YELLOW	GREEN
568-0101-233F	* RED *	GREEN	YELLOW	YELLOW
568-0101-237F	* RED *	GREEN	YELLOW	ORANGE
568-0101-293F	* RED *	GREEN	BLUE	YELLOW
568-0101-312F	* RED *	YELLOW	RED	GREEN
568-0101-321F	* RED *	YELLOW	GREEN	RED
568-0101-322F	* RED *	YELLOW	GREEN	GREEN
568-0101-323F	* RED *	YELLOW	GREEN	YELLOW
568-0101-332F	* RED *	YELLOW	YELLOW	GREEN
568-0101-333F	* RED *	YELLOW	YELLOW	YELLOW
568-0101-723F	* RED *	ORANGE	GREEN	YELLOW
568-0102-000F	* GREEN *	** BLANK **	** BLANK **	** BLANK **
568-0102-010F	* GREEN *	** BLANK **	RED	** BLANK **
568-0102-020F	* GREEN *	** BLANK **	GREEN	** BLANK **
568-0102-073F	* GREEN *	** BLANK **	ORANGE	YELLOW
568-0102-102F	* GREEN *	RED	** BLANK **	GREEN
568-0102-111F	* GREEN *	RED	RED	RED
568-0102-113F	* GREEN *	RED	RED	YELLOW
568-0102-120F	* GREEN *	RED	GREEN	** BLANK **
568-0102-121F	* GREEN *	RED	GREEN	RED
568-0102-122F	* GREEN *	RED	GREEN	GREEN
568-0102-123F	* GREEN *	RED	GREEN	YELLOW
568-0102-133F	* GREEN *	RED	YELLOW	YELLOW
568-0102-173F	* GREEN *	RED	ORANGE	YELLOW
568-0102-177F	* GREEN *	RED	ORANGE	ORANGE
568-0102-190F	* GREEN *	RED	BLUE(WATER CLEAR)	** BLANK **
568-0102-200F	* GREEN *	GREEN	** BLANK **	** BLANK **
568-0102-201F	* GREEN *	GREEN	** BLANK **	RED
568-0102-211F	* GREEN *	GREEN	RED	RED
568-0102-212F	* GREEN *	GREEN	RED	GREEN
568-0102-213F	* GREEN *	GREEN	RED	YELLOW
568-0102-220F	* GREEN *	GREEN	GREEN	** BLANK **
568-0102-221F	* GREEN *	GREEN	GREEN	RED
568-0102-222F	* GREEN *	GREEN	GREEN	GREEN
568-0102-223F	* GREEN *	GREEN	GREEN	YELLOW
568-0102-227F	* GREEN *	GREEN	GREEN	ORANGE
568-0102-231F	* GREEN *	GREEN	YELLOW	RED
568-0102-232F	* GREEN *	GREEN	YELLOW	GREEN
568-0102-233F	* GREEN *	GREEN	YELLOW	YELLOW
568-0102-311F	* GREEN *	YELLOW	RED	RED
568-0102-312F	* GREEN *	YELLOW	RED	GREEN
568-0102-321F	* GREEN *	YELLOW	GREEN	RED
568-0102-322F	* GREEN *	YELLOW	GREEN	GREEN
568-0102-323F	* GREEN *	YELLOW	GREEN	YELLOW
568-0102-331F	* GREEN *	YELLOW	YELLOW	RED
568-0102-332F	* GREEN *	YELLOW	YELLOW	GREEN
568-0102-333F	* GREEN *	YELLOW	YELLOW	YELLOW
568-0102-727F	* GREEN *	ORANGE	GREEN	ORANGE
568-0103-000F	* YELLOW *	** BLANK **	** BLANK **	** BLANK **
568-0103-003F	* YELLOW *	** BLANK **	** BLANK **	** BLANK **
568-0103-022F	* YELLOW *	** BLANK **	GREEN	GREEN
568-0103-030F	* YELLOW *	** BLANK **	YELLOW	** BLANK **
568-0103-031F	* YELLOW *	** BLANK **	YELLOW	RED
568-0103-111F	* YELLOW *	RED	RED	RED
568-0103-112F	* YELLOW *	RED	RED	GREEN
568-0103-120F	* YELLOW *	RED	GREEN	** BLANK **
568-0103-122F	* YELLOW *	RED	GREEN	GREEN
568-0103-131F	* YELLOW *	RED	YELLOW	RED
568-0103-200F	* YELLOW *	GREEN	** BLANK **	** BLANK **
568-0103-210F	* YELLOW *	GREEN	RED	** BLANK **
568-0103-220F	* YELLOW *	GREEN	GREEN	** BLANK **
568-0103-222F	* YELLOW *	GREEN	GREEN	GREEN
568-0103-232F	* YELLOW *	GREEN	YELLOW	GREEN
568-0103-312F	* YELLOW *	YELLOW	RED	GREEN
568-0103-322F	* YELLOW *	YELLOW	GREEN	GREEN
568-0103-330F	* YELLOW *	YELLOW	YELLOW	** BLANK **
568-0103-333F	* YELLOW *	YELLOW	YELLOW	YELLOW
568-0106-666F	* WHITE *	WHITE	WHITE	WHITE



OPERATING CHARACTERISTICS AT 25 °C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	7.4	10.0		mcd	I <sub>F</sub> = 10 mA
	YELLOW	7.4	10.0			
	GREEN	4.7	12.6			
	ORANGE	3.4	7.0			
	BLUE	30	57	85		
	WHITE	400	1150	1900		
FORWARD VOLTAGE	RED		2.0	2.8	V	I <sub>F</sub> = 20 mA
	YELLOW		2.1	2.8		
	GREEN		2.1	2.8		
	ORANGE	1.5	2.2	3.0		
	BLUE	2.5	3.2	3.8		
REVERSE CURRENT	WHITE		3.5	4.0	µA	V <sub>R</sub> = 5 V
	ALL			100		
PEAK WAVELENGTH	RED		635		nm	
	YELLOW		585			
	GREEN		565			
	ORANGE		600			
	BLUE	460	467	475		
	WHITE					
VIEWING ANGLE	ALL		60		DEG	
	WHITE		45			
	BLUE		100			

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT							
POWER DISSIPATION	100	60	100	135	140	120	mW
DERATE LINEARLY FROM 50° C / 25° C FOR BLUE	0.4	0.25	0.4	0.5	0.32		mW/°C
CONTINUOUS FORWARD CURRENT	30	20	30	25	30	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	80	120	90	100	100	mA
SOLDERING TEMPERATURE (FOR 5 SECONDS)	260						°C
OPERATING TEMPERATURE	-55 TO +100		-35 TO +85		-25 TO +80		°C
STORAGE TEMPERATURE	-55 TO +100		-35 TO +85		-30 TO +100		°C

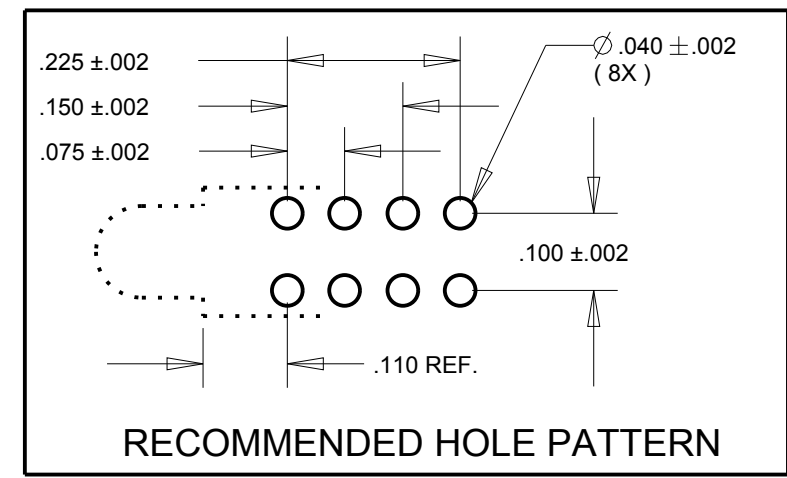
- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
  - WHEN A ZERO APPEARS IN THE LAST 4 DIGITS OF THE PART NUMBER THIS MEANS NO LAMP REQUIRED IN THAT POSITION
  - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
  - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
  - DIALIGHT PART NUMBER = 568-010X-XXXX (SEE CHART FOR ALL PART NUMBERS)
  - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDs). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH 1PC-A-610.

**RoHS Compliant 568-010x-xxx F Thru hole Quad-level CBI**

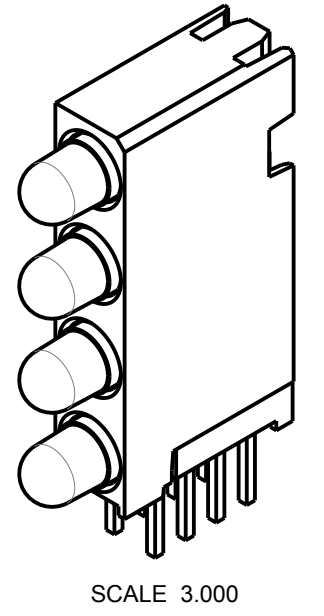
Part Numbers with the "F" suffix ending are RoHS Compliant. Example: 568-0100-021F, 568-0103-333F

The bag 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	REVISIONS	DRN	CKD	APP	DATE
A	NEW RELEASE	TWC	TC	N.O.	8-9-05
B	ADDED P/N 568-0100-220F; ADDED ESD NOTE 6 & LOGO ON ALL PRODUCTS; CHANGED TITLE DESCRIPTION	TWC	N.O.	MES	6-6-06
C	ADDED P/N'S 568-0102-073F AND 568-0102-190F; ADDED BLUE LED SPECS.	TC	N.O.	MES	9-8-06
D	ADDED P/N 568-0101-123F & 568-0103-112F	SM	N.O.	MES	11-2-06
E	ADDED P/N 568-0100-310F	TC	N.O.	MES	6-27-07
F	UPDATED BLUE LED SPECS	KLJ	N.O.	MES	2-7-08
G	ADDED P/N 568-0101-132F.	KLJ	N.O.	MES	5-1-09
H	ADDED P/N'S 568-0103-122F & 568-0101-001F	AJF	KLJ	SM	12-11-09
J	ADDED P/N 568-0102-322F	AJF	JLC	NO	4-5-10
K	ADDED P/N 568-0103-322F	AJF	KLJ	NO	2-18-11
L	ADDED 568-0101-223F	RSK	WFB	NO	3-31-15
M	ADDED P/N 568-0101-293F UPDATED BLUE LED SPEC.	VP	WFB	NO	4-24-15
N	ADDED 568-0100-129F	BP		NO	4-19-17
O	UPDATED DUPLICATE OF P/N 568-0102-173F TO 568-0102-177F FROM THE TABLE	BP		NO	9-18-17
P	ADDED 568-0101-113F	BP		NO	2-22-18
Q	ADDED THE SPECS FOR WHITE ADDED THE P/N 568-0106-666F	LD		NO	1-15-19

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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIMS IN: INCHES (MM)	C-17278	Q
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE STANDARD 3MM QUAD LEVEL CBI	
FRACTIONS: ±1/64	ROHS COMPLIANT	
DECIMALS (XX): ±.02	MATERIAL	
DECIMALS (XXX): ±.015	FINISH	
ANGLES: ±3°	FSCM 83330	
SHOOTING	SHEET 1 OF 1 FAMILY TABLES:	
1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com		