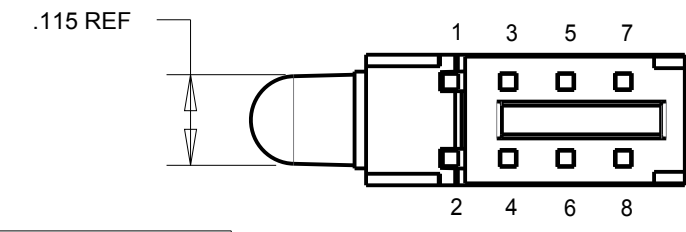
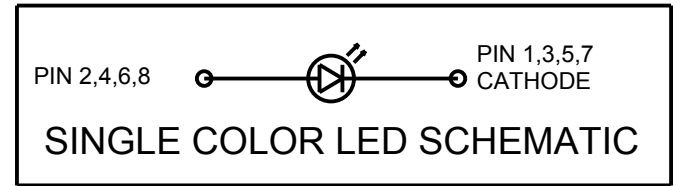
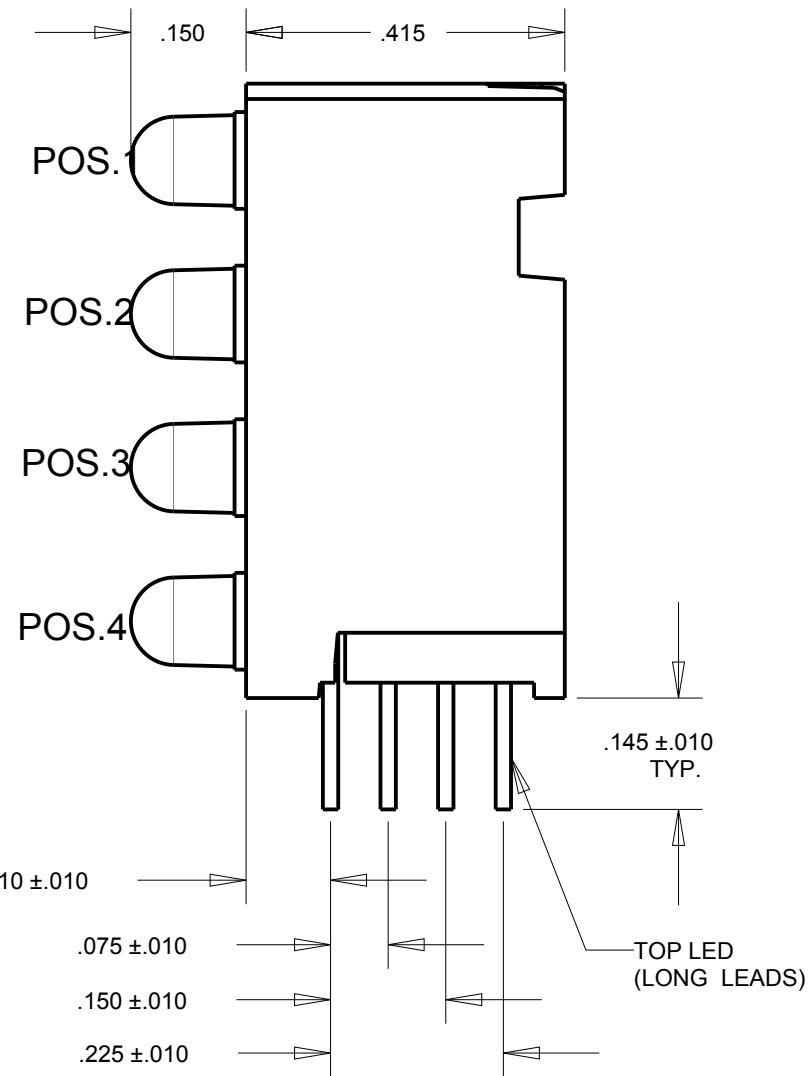
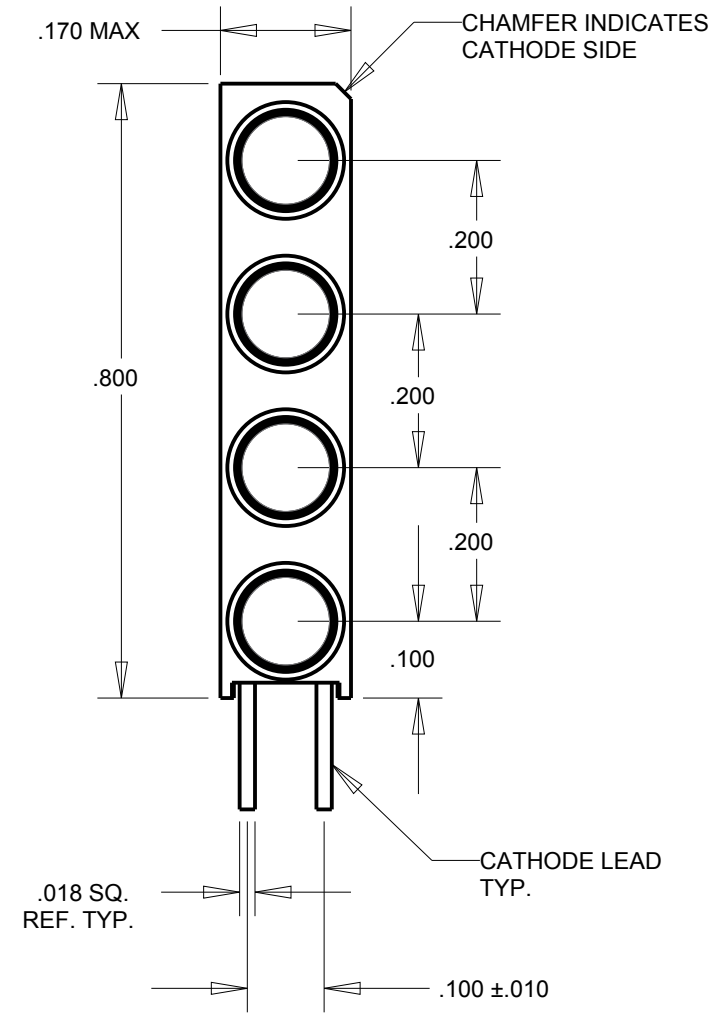


PART NUMBER and LEGEND	LED COLOR			
	POS 1	POS 2	POS 3	POS 4
568-0100-021F	** BLANK **	** BLANK **	GREEN	RED
568-0100-022F	** BLANK **	** BLANK **	GREEN	GREEN
568-0100-129F	** BLANK **	RED	GREEN	BLUE
568-0100-132F	** BLANK **	RED	YELLOW	GREEN
568-0100-220F	** BLANK **	GREEN	GREEN	** BLANK **
568-0100-310F	** 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	I <sub>F</sub> = 20 mA
	ALL			100		
PEAK WAVELENGTH	RED		635		nm	V <sub>R</sub> = 5 V
	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

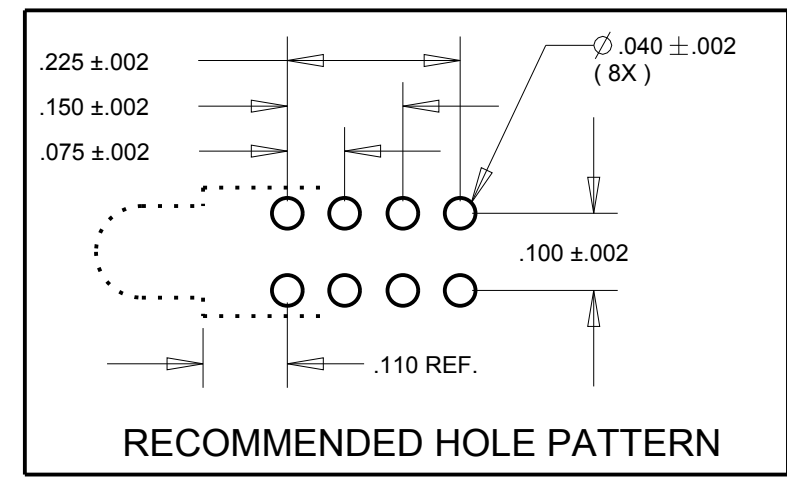
- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
  - WHEN A ZERO APPEARS IN THE LAST 4 DIGITS OF THE PART NUMBER THIS MEANS NO LAMP REQUIRED IN THAT POSITION
  - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
  - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
  - 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**

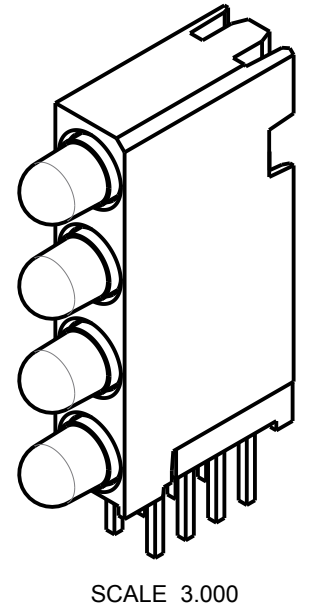
Part Numbers with the "F" suffix ending are RoHS Compliant. Example: 568-0100-021F, 568-0103-333F

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)	<b>C-17278</b>	<b>Q</b>
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		