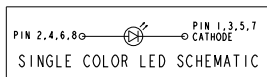
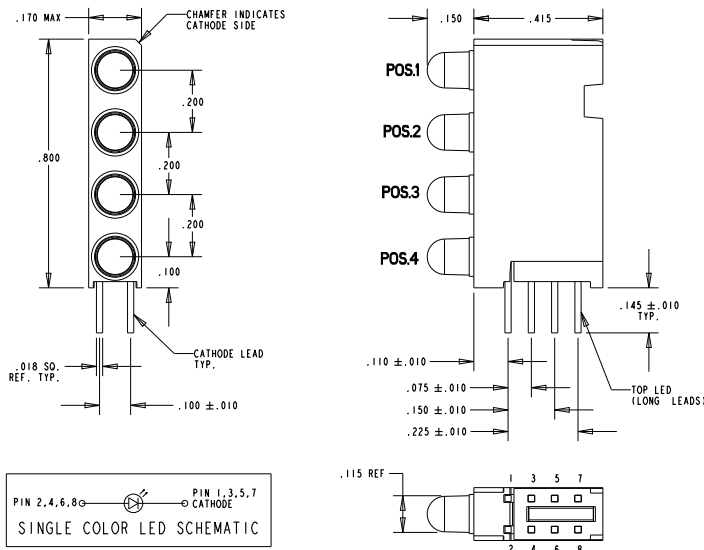
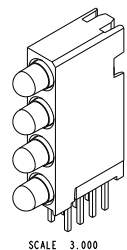
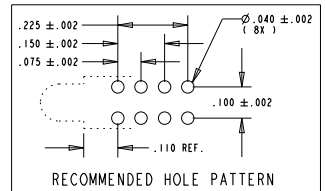


PART NUMBER and LEGEND	LED COLOR			
	POS 1	POS 2	POS 3	POS 4
568-0100-021F	** BLANK **	** BLANK **	GREEN	RED
568-0100-022F	** BLANK **	** BLANK **	GREEN	GREEN
568-0100-132F	** BLANK **	RED	YELLOW	GREEN
568-0100-220F	** BLANK **	GREEN	GREEN	** BLANK **
568-0100-310F	** BLANK **	YELLOW	RED	** BLANK **
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
568-0101-122F	* 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
568-0101-232F	* RED *	GREEN	YELLOW	GREEN
568-0101-233F	* RED *	GREEN	YELLOW	YELLOW
568-0102-237F	* RED *	GREEN	YELLOW	ORANGE
568-0102-201F	* RED *	YELLOW	GREEN	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	YELLOW	YELLOW
568-0102-133F	* GREEN *	RED	YELLOW	YELLOW
568-0102-173F	* GREEN *	RED	ORANGE	YELLOW
568-0102-173F	* 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
568-0102-323F	* 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 **	YELLOW
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	RED
568-0103-131F	* YELLOW *	RED	YELLOW	GREEN
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
568-0103-330F	* YELLOW *	YELLOW	YELLOW	** BLANK **
568-0103-333F	* YELLOW *	YELLOW	YELLOW	YELLOW



REV	ECN NO	REVISIONS	DRN	QND	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	6-27-08
G		ADDED P/N'S 568-0101-132F & 568-0101-001F	AJF	KLJ	SM	5-1-09
H						12-11-09



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	1.4	10.0		mcd	I _f = 10 mA
	YELLOW	7.4	10.0			
	GREEN	4.7	12.6			
	ORANGE	3.4	7.0			
	BLUE	11.0		31.0		
FORWARD VOLTAGE	RED		2.0	2.8	V	I _f = 20 mA
	YELLOW		2.1	2.8		
	GREEN		2.1	2.8		
	ORANGE	1.5	2.2	3.0		
	BLUE		3.5	4.0		
REVERSE CURRENT	ALL			100	µA	V _r = 5 V
	BLUE			10		
PEAK WAVELENGTH	YELLOW		585		nm	260
	GREEN		565			
	ORANGE		600			
	BLUE		470			
VIEWING ANGLE	ALL			60	DEG	
	BLUE			45		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT						
POWER DISSIPATION	RED	YELLOW	GREEN	ORANGE	BLUE	UNITS
	100	60	100	135	140	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	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	80	120	90	100	mA
SOLDERING TEMPERATURE (FOR 5 SECONDS)						260
OPERATING TEMPERATURE						-55 TO +100
STORAGE TEMPERATURE						-35 TO +85
						-35 TO +85



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

- 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.
 - DIAGRAM PART NUMBER: 568-0100-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 IPC-A-610.

RoHS Compliant 568-010x-xxxx 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.

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SCALE: 4.000	DRAWING NUMBER
ALL DIM'S IN: INCHES (FRACTIONS: 1/164 DECIMALS: 1.001; 0.02 DECIMALS: 1.001; 0.015	C-17278
UNLESS OTHERWISE SPECIFIED	REV
TITLE STANDARD 3MM QUAD LEVEL CBI	H
MATERIAL	ROHS COMPLIANT
FINISH:	Dialight
FSCN 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07127
	SHEET 1 OF 1 FAMILY TABLES: