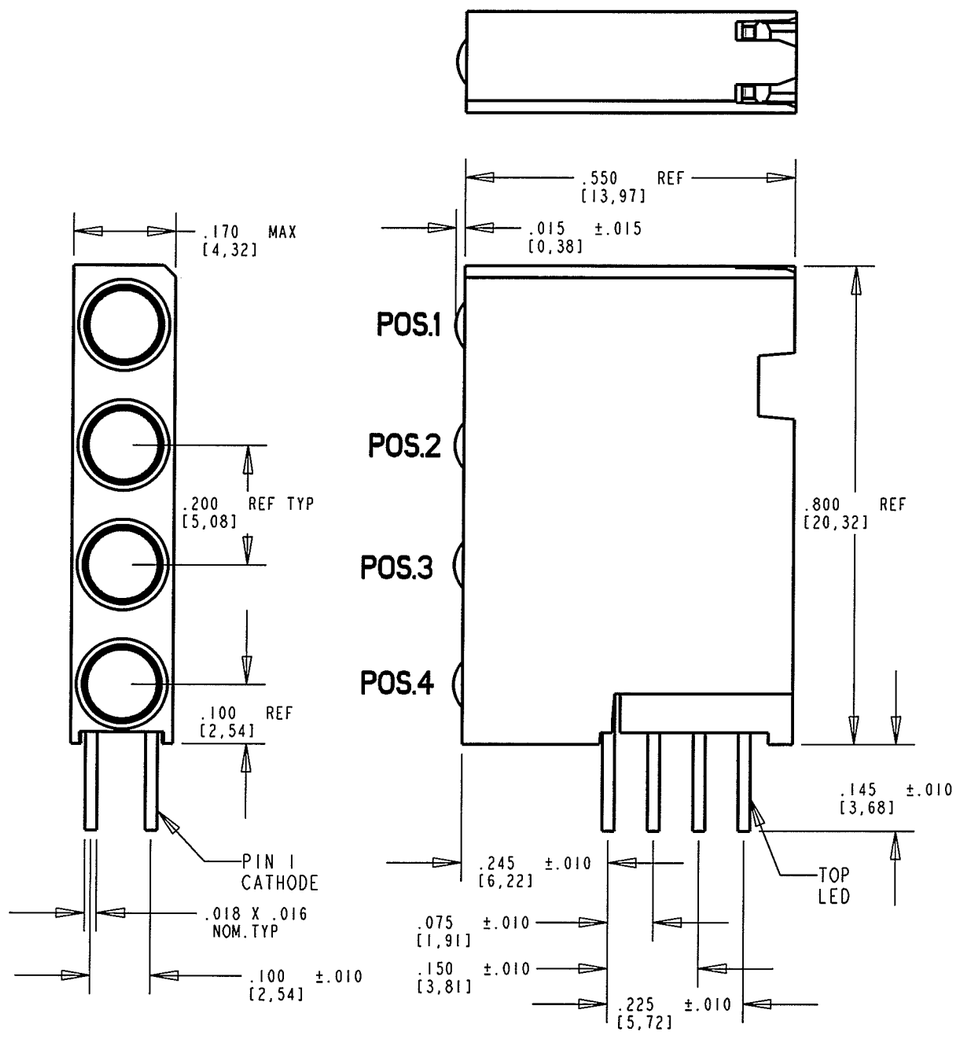
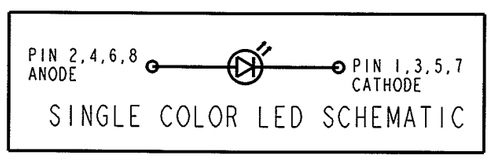
PART NUMBER	LED COLOR			
	POS.1	POS.2	POS.3	POS.4
568-2211-023F	RED	BLANK	GREEN	YELLOW
568-2211-111F	RED	RED	RED	RED
568-2211-112F	RED	RED	RED	GREEN
568-2211-122F	RED	RED	GREEN	GREEN
568-2211-132F	RED	RED	YELLOW	GREEN
568-2211-133F	RED	RED	YELLOW	YELLOW
568-2211-212F	RED	GREEN	RED	GREEN
568-2211-232F	RED	GREEN	YELLOW	GREEN
568-2211-310F	RED	YELLOW	RED	BLANK
568-2211-311F	RED	YELLOW	RED	RED
568-2211-312F	RED	YELLOW	RED	GREEN
568-2212-102F	GREEN	RED	BLANK	GREEN
568-2212-113F	GREEN	RED	RED	YELLOW
568-2212-131F	GREEN	RED	YELLOW	RED
568-2212-222F	GREEN	GREEN	GREEN	GREEN
568-2212-223F	GREEN	GREEN	GREEN	YELLOW
568-2212-232F	GREEN	GREEN	YELLOW	GREEN
568-2212-233F	GREEN	GREEN	YELLOW	YELLOW
*568-2212-239F	GREEN	GREEN	YELLOW	BLUE
568-2212-322F	GREEN	YELLOW	GREEN	GREEN
568-2212-323F	GREEN	YELLOW	GREEN	YELLOW
*568-2212-329F	GREEN	YELLOW	GREEN	BLUE
568-2213-111F	YELLOW	RED	RED	RED
568-2213-232F	YELLOW	GREEN	YELLOW	GREEN
*568-2213-292F	YELLOW	GREEN	BLUE	GREEN
568-2213-333F	YELLOW	YELLOW	YELLOW	YELLOW



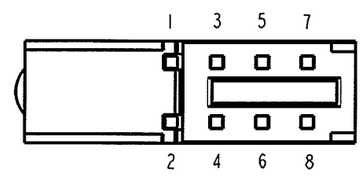
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	——	NEW RELEASE	TC	MES	NO	12-14-05
B	——	ADDED P/N 568-2212-113F	TC	N.O.	MES	6-27-07
C	——	UPDATED BLUE LED SPECS	KLJ	N.O.	[illegible]	2-7-08

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	I_F = 10 mA
	GREEN	32	50			
	YELLOW	10		50		
	BLUE	110		310		I_F = 20 mA
FORWARD VOLTAGE	RED		2.0	2.8	V	I_F = 20 mA
	GREEN		2.1	2.8		
	YELLOW		2.1	2.8		
	BLUE		3.5	4.0		
REVERSE CURRENT	RED		100		µA	V_R = 5 V
	GREEN		100			
	YELLOW		100			
	BLUE			10		
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
	BLUE		470			
VIEWING ANGLE	RED		45		Degree	
	GREEN		45			
	YELLOW		45			
	BLUE		45			

NOTES:
1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
3- WHEN A ZERO APPEARS IN THE LAST 4 DIGITS OF THE PART NUMBER THIS MEANS NO LAMP REQUIRED IN THAT POSITION
4- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
5- PACKAGING = BLOCKS PLACED IN AN ANTISTATIC BAG
6- DIALIGHT PART NUMBER = 568-221X-XXXF
7- " * " ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.



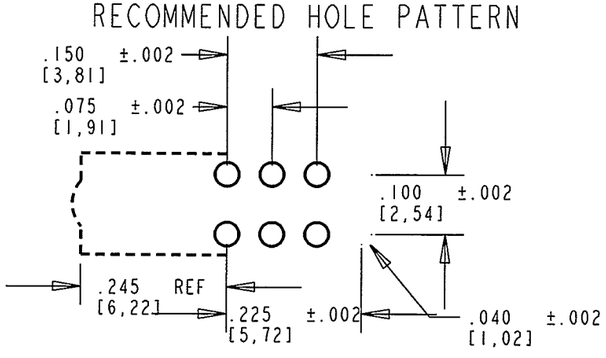
ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

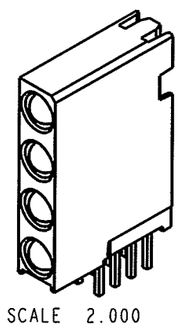


RoHS Compliant 568-221X-XXXF Thru hole Quad CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 568-2211-132F
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.

RECOMMENDED HOLE PATTERN





SCALE 2.000

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT					
	UNITS	RED	GREEN	YELLOW	BLUE
POWER DISSIPATION	mW	100	100	60	140
DERATE LINEARLY FROM 50°C / 25°C FOR BLUE	mA/°C	0.4	0.4	0.25	0.32
CONTINUOUS FORWARD CURRENT	mA	30	30	20	30
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	120	120	80	100
LEAD SOLDERING TEMPERATURE 5 SEC., 1/16" FROM BODY	°C	260			
OPERATING TEMPERATURE	°C	-55 TO +100			-35 TO +85
STORAGE TEMPERATURE	°C	-55 TO +100			-35 TO +85

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SCALE: 4.000
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.005
DECIMALS (.XXXX): ±.0005
ANGLES: ±1°
FINISH:
FSCM 83330

DRAWING NUMBER C-17336
REV C
TITLE EXTENDED 4x1 SINGLE CBI BLOCK, RoHS COMPLIANT
MATERIAL

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: