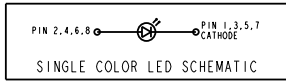


PART NUMBER	POSITION 1	POSITION 2	POSITION 3	POSITION 4
568-0141-1114F	RED DIFFUSED	RED DIFFUSED	RED DIFFUSED	RED DIFFUSED
568-0142-2224F	GREEN DIFFUSED	GREEN DIFFUSED	GREEN DIFFUSED	GREEN DIFFUSED
568-0142-3124F	GREEN DIFFUSED	YELLOW DIFFUSED	RED DIFFUSED	GREEN DIFFUSED
568-0143-3334F	YELLOW DIFFUSED	YELLOW DIFFUSED	YELLOW DIFFUSED	YELLOW DIFFUSED



REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC			

NOTES:

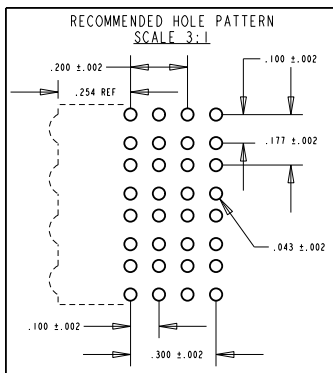
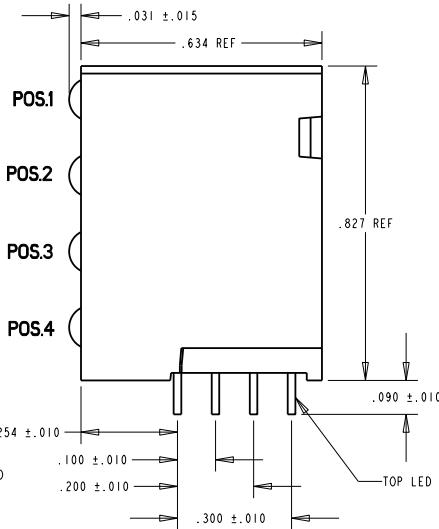
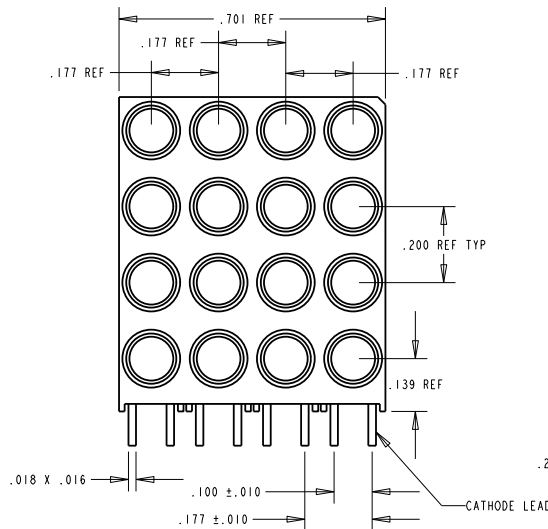
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- PACKAGING =
BLOCKS ARE PLACED IN CLEAR ANTISTATIC TRAY
80 BLOCKS PER TRAY
- DIALIGHT PART NUMBER: 568-014X-XXX4F
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	7.4	10.0		mcd	I _f = 10 mA
	GREEN	4.7	12.6			
	YELLOW	7.4	10.0			
FORWARD VOLTAGE	RED	2.0	2.8		V	I _f = 20 mA
	GREEN	2.1	2.8			
	YELLOW	2.1	2.8			
REVERSE CURRENT	ALL	100			µA	V _r = 5 V
PEAK WAVELENGTH	RED	635			nm	
	GREEN	565				
	YELLOW	585				
VIEWING ANGLE	ALL	60			Degree	
CAPACITANCE	RED	20			pF	V _f = 0, f = 1MHz
	GREEN	35				
	YELLOW	15				



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

RoHS Compliant 568-014X-XXX4F
Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 568-0142-3124F
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.



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

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17369	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/4 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 4X4 CBI ARRAY BLOCK RoHS COMPLIANT	MATERIAL
FINISH:	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	