

Excellent Integrated System Limited

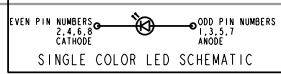
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

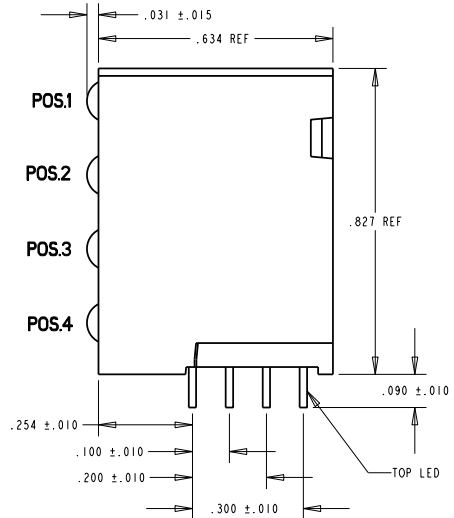
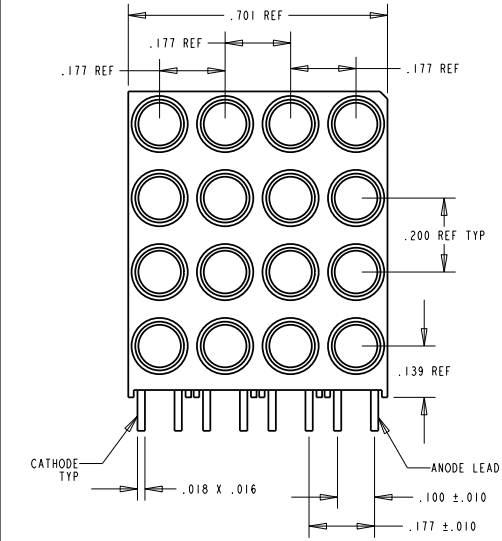
[Dialight](#)
[5680016822F](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

PART NUMBER	POSITION 1	POSITION 2	POSITION 3	POSITION 4
568-0016-822F	GREEN DIFFUSED	YELLOW DIFFUSED	RED DIFFUSED	GREEN DIFFUSED



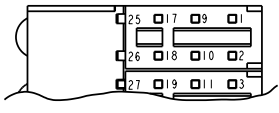
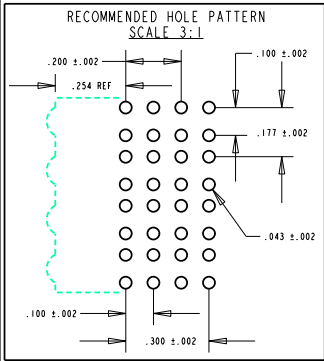
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TC	N.O.	AV	1-31-07
B		CHANGED PIN NUMBERS IN BOTTOM VIEW & DESCRIPTION IN SCHEMATIC	SM	N.O.	MS	2-19-07
C		CHANGED PIN NUMBER FROM 19 TO 9	SM			



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: 568-0016-822F
- 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
	RED	635				
PEAK WAVELENGTH	GREEN	565			nm	
	YELLOW	585				
	ALL	60				
VIEWING ANGLE	ALL		60		Degree	
	RED		20			
CAPACITANCE	GREEN	35			pF	V _r = 0, f = 1MHz
	YELLOW	15				
	ALL					



RoHS Compliant 568-0016-822F
Part Numbers with the "F" suffix ending are RoHS Compliant.
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

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				
PARAMETER	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

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SCALE: DRAWING SCALE: ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER: C-17451
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 ANGLES: ±1°	REV: C
TITLE: 4X4 CBI ARRAY BLOCK CATHODE LEAD LEFT SIDE (RoHS COMPLIANT)	
MATERIAL:	
1501 ROUTE 34 SOUTH, FARMINGDALE, NJ 07727	
FSCM: 83330	SHEET 1 OF 1 FAMILY TABLE: