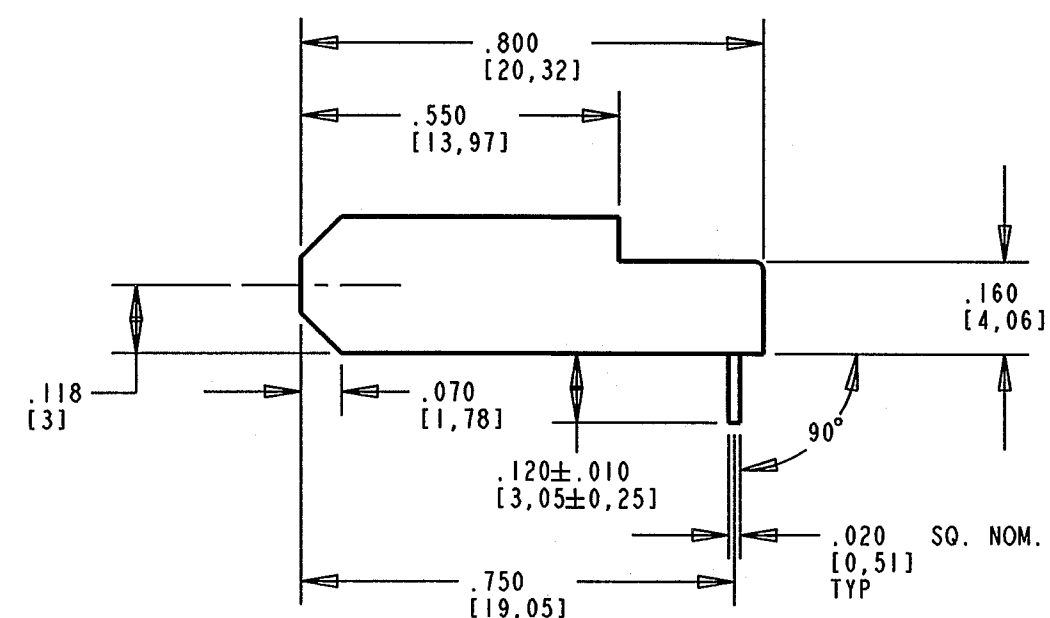


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	KLJ	7.8	12/1	4/28/6



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



**ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES**

OPERATING CHARACTERISTICS AT TA=25°C							
SYMBOL	PARAMETER	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITION
V _F	FORWARD VOLTAGE	RED		2.0	2.8	V	I _F = 20 mA
		YELLOW		2.1	2.6		
		GREEN		2.1	2.6		
V _R		ALL			5	V	I _R = 100μA
λ _{PK}	PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
		YELLOW		585			
		GREEN		565			
I _V	LUMINOUS INTENSITY	RED	3.0	7.4		mcd	I _F = 20 mA
		YELLOW	2.2	7.4			
		GREEN	2.2	7.4			

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 566-0208F
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.



NOTES:

1. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
2. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
3. PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART.
4. DIALIGHT PART NUMBERS: 566-0208F, 566-0308F, 566-0408F.
5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

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: 3.000	DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)	C-17605		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 2mm x 5mm RECTANGULAR LED CBI- 12 LED ARRAY; RoHS COMPLIANT		
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .02$ DECIMALS (.XXX): $\pm .015$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 3^\circ$	MATERIAL		
FINISH:	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727		
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:		