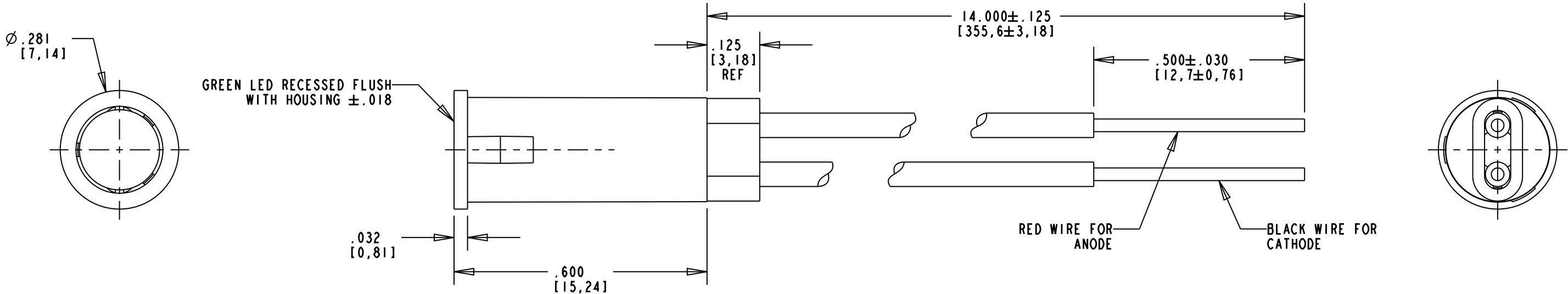


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	AJF	KLJ	CJC	9-2-09



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

RoHS COMPLIANT 559-0001-825F
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.



- NOTES:
- REQUIRES EXTERNAL RESISTOR.
OPERATING CURRENT: 20 mA MAX.
 - LEAD WIRES: 24 AWG PVC 7/32 PRE-BONDED, UL STYLE 1569.
 - RECOMMENDED MOUNTING HOLE: $\varnothing .249-.252$ ON PANELS $.031-.062$ THICK.
 - 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 T _A = 25°C					
PARAMETER	GREEN			UNITS	TEST CONDITIONS
	MIN	TYP	MAX		
LUMINOUS INTENSITY	17	34		mc d	I _F = 20mA
PEAK WAVELENGTH		563		nm	
DOMINANT WAVELENGTH		569		nm	
FORWARD VOLTAGE		2.2	3.0	V	I _F = 20mA

ABSOLUTE MAXIMUM RATINGS AT T _A = 25°C		
PARAMETER	GREEN	UNITS
PEAK FORWARD CURRENT (DUTY=1/5; t=1 ms)	60	mA
CONTINUOUS FORWARD CURRENT	25	mA
DERATE LINEARLY FROM 50°C	0.5	mA/°C
POWER DISSIPATION	75	mW
OPERATING TEMPERATURE	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	°C
PEAK REVERSE VOLTAGE	3	V
LEAD SOLDERING TEMPERATURE (5 SEC., 1/16" FROM BASE)	260	°C

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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17771	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 1/4" MTG HOLE SNAP-IN PMI	
FRACTIONS: $\pm 1/64$	RoHS COMPLIANT	
DECIMALS (.XX): $\pm .01$	MATERIAL	
DECIMALS (.XXX): $\pm .005$		
DECIMALS (.XXXX): $\pm .0005$		
ANGLES: $\pm 1^\circ$		
FINISH:		
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 1 OF 1	FAMILY TABLE: