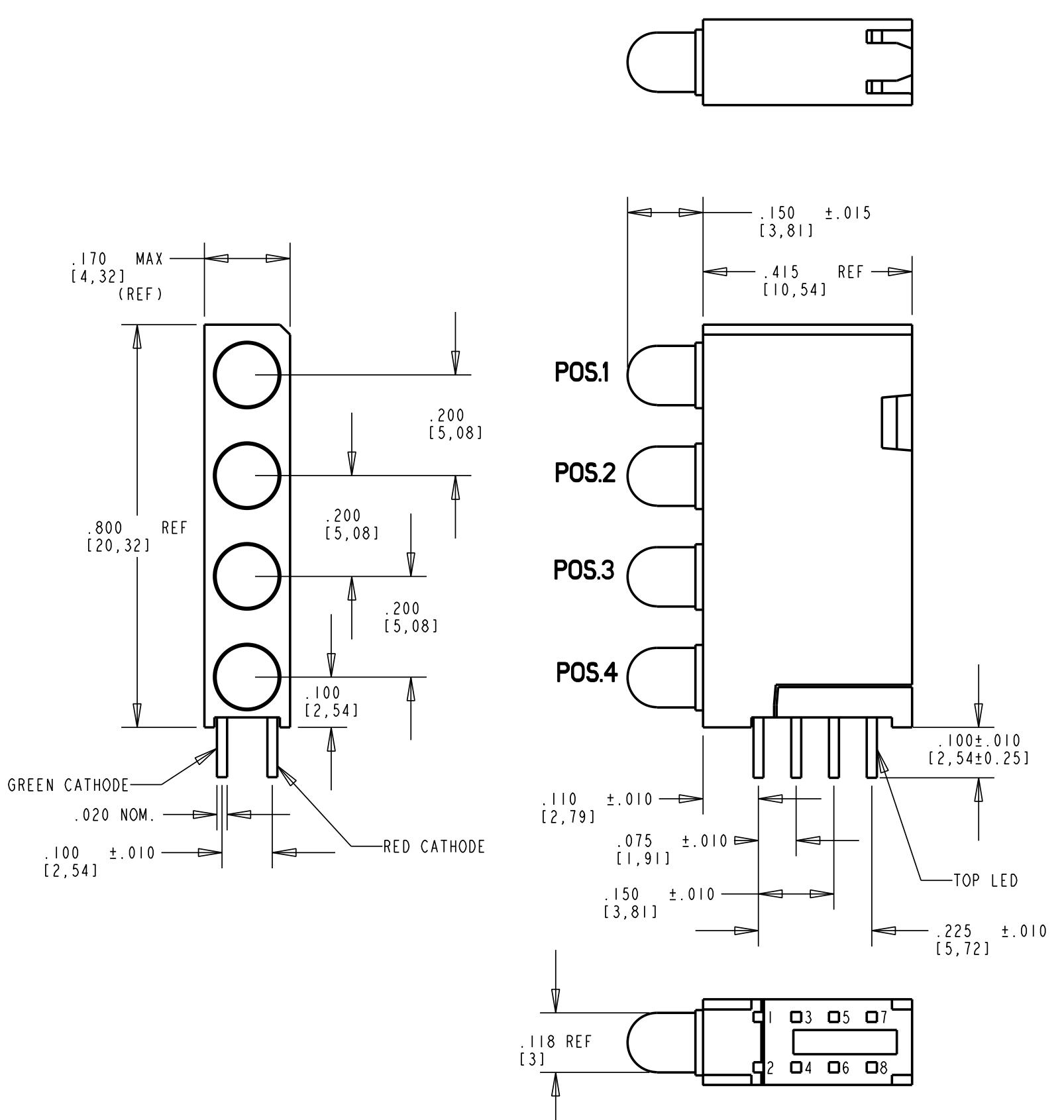


PART NUMBER and LEGEND	LED COLOR			
	POSITION 1	POSITION 2	POSITION 3	POSITION 4
568-0701-823F	RED / GREEN	YELLOW / GREEN	YELLOW / GREEN	YELLOW / GREEN

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC	N.O.	MES	7-27-06
B		CHANGED POLARITY ON SCHEMATIC TO MATCH FRONT VIEW; ADD R/G SCHEMATIC PIN 7 RED CATHODE.	TC			

NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- DIALIGHT PART NUMBER: 568-0701-823F
- PACKAGE PARTS IN ANTI-STATIC TUBES, 100 PC'S PER TUBE WITH 2 END PLUGS. APPLY LABEL WITH DIALIGHT P/N, DATE CODE, QTY/TUBE. 6- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



PIN 8
GREEN CATHODE

PIN 2,4,6,
GREEN CATHODE

BI-COLOR LED SCHEMATIC

PIN 1,3,5
YELLOW CATHODE

BI-COLOR LED SCHEMATIC

OPERATING CHARACTERISTICS AT 25°C AMBIENT

LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN YELLOW	2.5 2.5	6.3 4.3		mcd	$I_F = 10 \text{ mA}$
FORWARD VOLTAGE	GREEN YELLOW		2.1	2.8	V	$I_F = 20 \text{ mA}$
PEAK WAVELENGTH (λ_p)	GREEN YELLOW	565 585			nm	
DOMINANT WAVELENGTH (λ_d)	GREEN YELLOW (Y3) YELLOW (Y2)	585 583	569	589	nm	MEASURED ON EXELTRON 2001
VIEWING ANGLE (2 $\Theta 1/2$)	GREEN YELLOW		80		DEGREES	
CAPACITANCE	GREEN YELLOW		35 15		pF	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

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

LED COLOR = GRN/RED BI-COLOR

OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN RED	3.7 2.5	10.0 4.7		mcd	$I_F = 10 \text{ mA}$
FORWARD VOLTAGE	GREEN RED		2.1 2.0	2.8	V	
PEAK WAVELENGTH	GREEN RED	565 635			nm	$I_F = 20 \text{ mA}$
VIEWING ANGLE	GREEN RED		60		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	RED	UNITS
POWER DISSIPATION	100		mW
DERATE LINEARLY FROM 50°C	0.4		mA/°C
CONTINUOUS FORWARD CURRENT	30		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10 ms PULSE WIDTH)	120		mA
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260		°C
OPERATING TEMPERATURE	-55 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100		°C

RoHS Compliant 568-0701-823F

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.

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SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C-17421	
FRACTIONS: ±1/64		B
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
TITLE: CUSTOM 4X1 CBL BLOCK R/G, Y/G, Y/G, Y/G, SPECIAL LEAD TRIM .100", RoHS COMPLIANT		
MATERIAL		
Dialight 1501 ROUTE 34 SOUTH		
FARMINGDALE, NJ 07727		
FSCM 83330		
SHEET 1 OF 1 FAMILY TABLE:		



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES