PART NUMBER	NUMBER LED COLOR				REVISIONS				
AND LEGEND	POSITION I	POSITION 2	POSITION 3	REV	ECN No	DRN	DATE		
564-0700-100F	RED / GREEN	** BLANK **	** BLANK **	А		TWC	5-19-06		
564-0700-101F	RED / GREEN	** BLANK **	RED / GREEN	А		TWC	5-19-06		
564-0700-110F	RED / GREEN	RED / GREEN	** BLANK **	А		TWC	5-19-06		
564-0700-IIIF	RED / GREEN	RED / GREEN	RED / GREEN	Α		TWC	5-19-06		
564-0700-141F	RED / GREEN	YELLOW / GREEN	RED / GREEN	А		TWC	5-19-06		
564-0700-144F	RED / GREEN	YELLOW / GREEN	YELLOW / GREEN	Α		TWC	5-19-06		
564-0700-414F	YELLOW / GREEN	RED / GREEN	YELLOW / GREEN	Α		TWC	5-19-06		
564-0700-440F	YELLOW / GREEN	YELLOW / GREEN	** BLANK **	А		TWC	5-19-06		
564-0700-441F	YELLOW / GREEN	YELLOW / GREEN	RED / GREEN	А		TWC	5-19-06		
564-0700-444F	YELLOW / GREEN	YELLOW / GREEN	YELLOW / GREEN	A		TWC	5-19-06		

NOTES:

- I- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
 3- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.

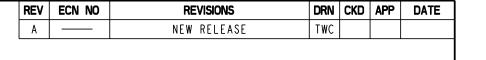
- 4- WHEN A ZERO APPEARS IN THE LAST 3 DIGITS OF THE PART NUMBER
 THIS MEANS NO LAMP REQUIRED IN THAT POSITION
 5- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS
 6- DIALIGHT PART NUMBER: 564-0700-XXXF
 7- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE
 DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING
 ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

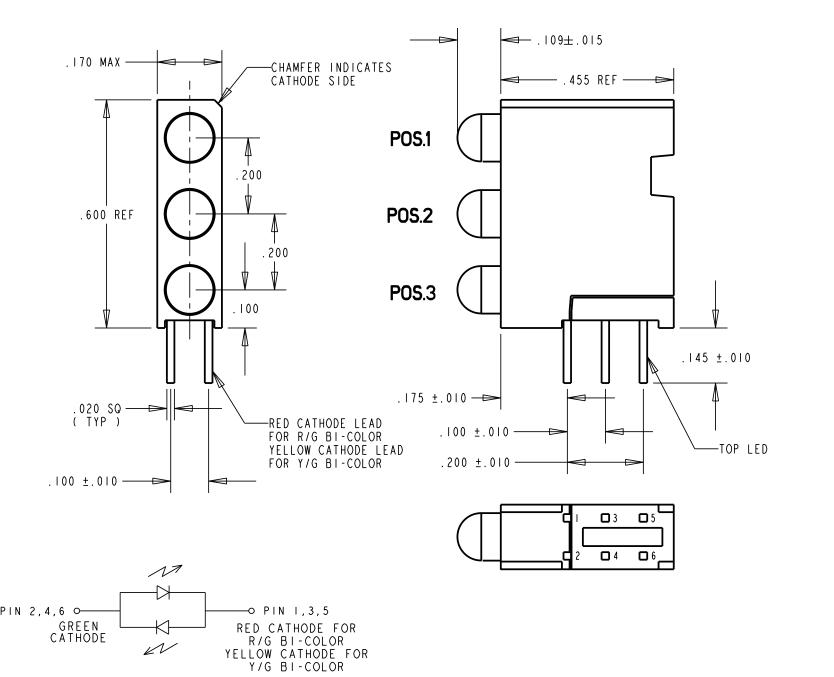
OPERATING CHARACTERISTICS AT 25°C AMBIENT FOR YELLOW / GREEN

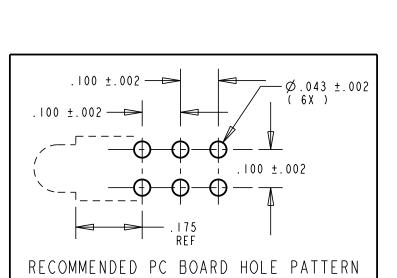
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN YELLOW	2.5 2.5	6.3 4.3	15 15	mc d	I _F = 10 mA
FORWARD VOLTAGE	GREEN YELLOW		2.1	2.8	٧	I _F = 20 mA
PEAK WAVELENGTH (入p)	GREEN YELLOW		565 585		nm	
DOMINANT WAVELENGTH (入d)	GREEN YELLOW (Y3) YELLOW (Y2)	563 585 583	569	572 589 587	nm	MEASURED ON EXELTRON 2001
VIEWING ANGLE (2 © 1/2)	GREEN YELLOW		80		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT FOR YELLOW / GREEN	GREEN	YELLOW	UNITS
POWER DISSIPATION	100	60	mW
DERATE LINEARLY FROM 50 C	0.4	0.25	mA/ ℃
CONTINUOUS FORWARD CURRENT	30	20	m A
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	80	mΑ
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	21	60	℃
OPERATING TEMPERATURE	- 55 TC	+100	℃
STORAGE TEMPERATURE	-55 TC	+100	°C

OPERATING CHARA	CTERIST	ICS /	AT 25	°C AI	MB I E N T	FOR RED / GREEN	
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS	
FORWARD VOLTAGE	RED		2.0	2.8	٧	20 4	
	GREEN		2.1	2.8		I F = 20 mA	
REVERSE CURRENT	RED			100	μА	V _R = 5V	
	GREEN			100			
PEAK	RED		635		nm	l = 20 mA	
WAVELENGTH	GREEN		565			TF - ZO IIIA	
DOMINANT	RED	630	635	640	nm	l = 20 mA	
WAVELENGTH	GREEN	563	569	572		TF - ZO IIIA	
VIEWING	RED		60		DEGREE	I F = 20 mA	
ANGLE	GREEN		00				
LUMINOUS	RED	2.5	4.7	15	mcd		
INTENSITY	GREEN	3.7	10.0	20	ilica		







RoHS Compliant 597-0700-XXXF Bi-color Thru hole CBI Part Numbers with the "F" suffix ending are RoHS Compliant. Example: 597-0700-111F

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)	C-17408	۸				
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C 17400	A				
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005	TITLE STANDARD 3XI CBI BLOCK RoHS COMPLIANT					
DECIMALS (.XXXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL					
FINISH:	Dialight 1501 ROUTE 3					
FSCM 83330	SHEET I OF I FAMILY TABLE:					

ABSOLUTE MAXIMUM RATINGS AT 250° AMBIENT FOR RED / GREEN

ADSOLUTE MAXIMUM RATINGS AT 25C AMBTENT FOR RED 7 GR	(C C IN
POWER DISSIPATION	IOO mW
DERATE LINEARLY FROM 50°C	.40 mA/°C
CONTINUOUS FORWARD CURRENT	30 mA
PEAK FORWARD CURRENT (10 ms PULSE WIDTH, 1/10 DUTY)	I20 mA
PEAK REVERSE VOLTAGE	5 V
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260° C
OPERATING TEMPERATURE	-55° C TO +100° C
STORAGE TEMPERATURE	-55° C TO +100° C