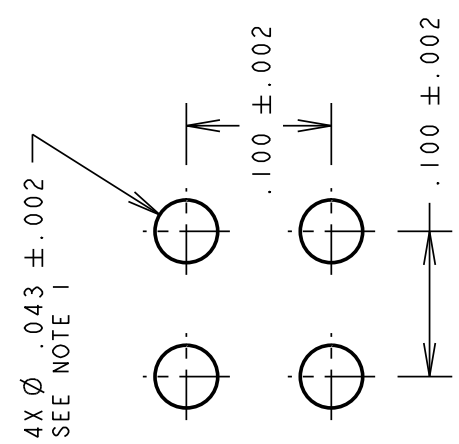
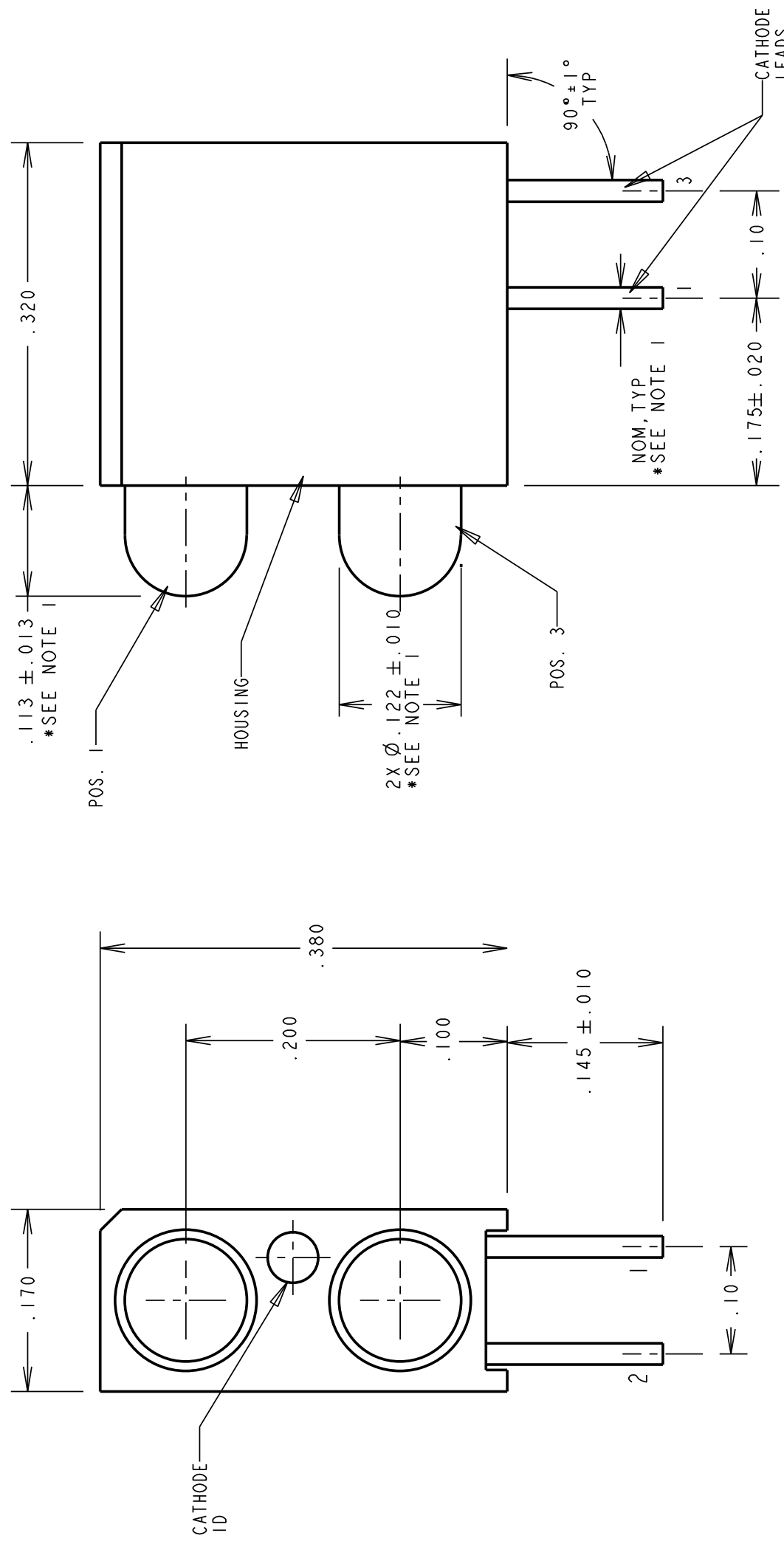
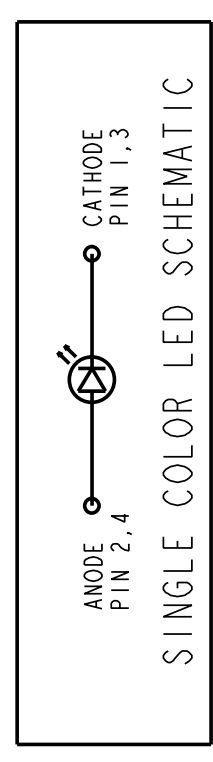


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	LR	--	N.O.	4-20-95
B		ADDED P/N 553-0188, NOTE 2, LED SPECS & "ATTENTION" NOTE	TC		N.O.	10-18-99
C		ADDED BOTTOM VIEW WITH PIN DESIGNATION AND SCHEMATIC.	TC		N.O.	5-18-99
D		REVISED 5V RED, GREEN AND YELLOW LED SPECS.	TC		N.O.	9-18-00
E		REVISED 2mA RED, GREEN AND YELLOW LED FORWARD VOLTAGE TYP. SPECS., AND RED LUMINOUS INTENSITY TYP. SPEC. ADDED NOTE 3 AND TITLE.	DC		KD	N.O. 2-19-01
F		ADDED P/N 553-0108, 553-0118, 553-0128, 553-0230 & ESD LOGO	JMC	N.O.	MES	3-10-04
G		ADDED P/N 553-0182	JMC	N.O.	Y.C.	11-1-04
H		REV LETTER "G" IN REVISION TABLE WAS "F"	TWC			



RECOMMENDED PC BOARD HOLE PATTERN



NOTE:
 1. * DENOTES PARTS WITH LED PROTRUSION OF .103 ± .013, WITH LEADS .018 SQ. NOM., LED BODY Ø.115 ± .010 AND THE PC BOARD RECOMMENDED HOLE SIZE IS Ø.040 ± .002.
 2. DIALIGHT PART NUMBER: 553-0XXX
 3. PIN NUMBER FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.



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: DRAWING SCALE	DRAWING NUMBER
ALL DIM'S IN: INCHES (UMD)	C-15967
TOLERANCES: UNLESS OTHERWISE SPECIFIED	REV
FRACTIONS: ±1/64	H
DECIMALS (.XX): ±.02	TITLE
DECIMALS (.XXX): ±.015	3mm LED BI-LEVEL CBI
DECIMALS (.XXXX): ±.0005	MATERIAL
ANGLES: ±1°	
FINISH:	
FSCM 83330	SHEET 1 OF 1
FAMILY TABLES: 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	

ASSY. NO. (CAT. NO.)	LED COLOR	POSITION 1	POSITION 2	NOTE
553-0101	BLANK	RED		
553-0102	BLANK	GREEN		
553-0103	BLANK	YELLOW		
553-0108	BLANK	BLUE		**
553-0110	RED	BLANK		
553-0111	RED	BLANK		
553-0112	RED	GREEN		
553-0113	RED	YELLOW		**
553-0118	RED	BLUE		**
553-0120	GREEN	BLANK		
553-0121	GREEN	RED		
553-0122	GREEN	GREEN		
553-0123	GREEN	YELLOW		
553-0128	GREEN	BLUE		**
553-0130	YELLOW	BLANK		**
553-0131	YELLOW	RED		
553-0132	YELLOW	GREEN		
553-0133	YELLOW	YELLOW		
553-0182	BLUE	GREEN		**
553-0188	BLUE	BLUE		**
553-0201	BLANK	RED		*
553-0202	BLANK	GREEN		*
553-0203	BLANK	YELLOW		*
553-0210	RED	BLANK		*
553-0211	RED	RED		*
553-0212	RED	GREEN		*
553-0213	RED	YELLOW		*
553-0220	GREEN	BLANK		*
553-0221	GREEN	RED		*
553-0222	GREEN	GREEN		*
553-0223	GREEN	YELLOW		*
553-0230	YELLOW	BLANK		*
553-0231	YELLOW	RED		*
553-0232	YELLOW	GREEN		*
553-0233	YELLOW	YELLOW		*
553-0301	BLANK	RED		*
553-0302	BLANK	GREEN		*
553-0303	BLANK	YELLOW		*
553-0310	RED	BLANK		*
553-0311	RED	RED		*
553-0312	RED	GREEN		*
553-0313	RED	YELLOW		*
553-0320	GREEN	BLANK		*
553-0321	GREEN	RED		*
553-0322	GREEN	GREEN		*
553-0323	GREEN	YELLOW		*
553-0331	YELLOW	RED		*
553-0332	YELLOW	GREEN		*
553-0333	YELLOW	YELLOW		*

10 mA LED. OPERATING CHARACTERISTICS AT T _A = 25°C						
SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	TEST COND.
V _F	FORWARD VOLTAGE	RED	2.0	3.0		I _F = 10 mA
		YELLOW	2.1	3.0		
		GREEN	2.1	3.0		
		BLUE	3.5	4.2		
V _R	REVERSE VOLTAGE	ALL	3			I _F = 10 mA
		RED	650			
		YELLOW	585			
λ _{PK}	PEAK WAVELENGTH	GREEN	563			MEASURED AT PEAK
		BLUE	428			
		RED	3.6	10.0		
		YELLOW	2.2	6.3		
I _V	LUMINOUS INTENSITY	GREEN	5.6	16.0		I _F = 10 mA
		BLUE	6.3	20		

2 mA LOW CURRENT LED. OPERATING CHARACTERISTICS AT T _A = 25°C						
SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	TEST COND.
V _F	FORWARD VOLTAGE	RED	1.7	2.2		I _F = 2 mA
		YELLOW	1.8	2.7		
		GREEN	1.9	2.2		
V _R	REVERSE VOLTAGE	ALL	5			I _F = 50 μA
		RED	635			
		YELLOW	583			
		GREEN	565			
λ _{PK}	PEAK WAVELENGTH	RED	1.0	1.6		MEASURED AT PEAK
		YELLOW	1.0	1.6		
		GREEN	1.0	1.6		
I _V	LUMINOUS INTENSITY	RED	8.7	29		I _F = 2 mA
		YELLOW	3.7	12.6		
		GREEN	5.6	19		

5 V, INTEGRAL RESISTOR LED. OPERATING CHARACTERISTICS AT T _A = 25°C						
SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	TEST COND.
I _F	FORWARD CURRENT	RED	10	20		V _F = 5 V
		YELLOW	10	20		
		GREEN	10	20		
V _R	REVERSE VOLTAGE	ALL	5			I _F = 100 μA
		RED	635			
		YELLOW	585			
		GREEN	565			
λ _{PK}	PEAK WAVELENGTH	RED	8.7	29		MEASURED AT PEAK
		YELLOW	3.7	12.6		
		GREEN	5.6	19		
I _V	LUMINOUS INTENSITY	RED	8.7	29		I _F = 5 V
		YELLOW	3.7	12.6		
		GREEN	5.6	19		