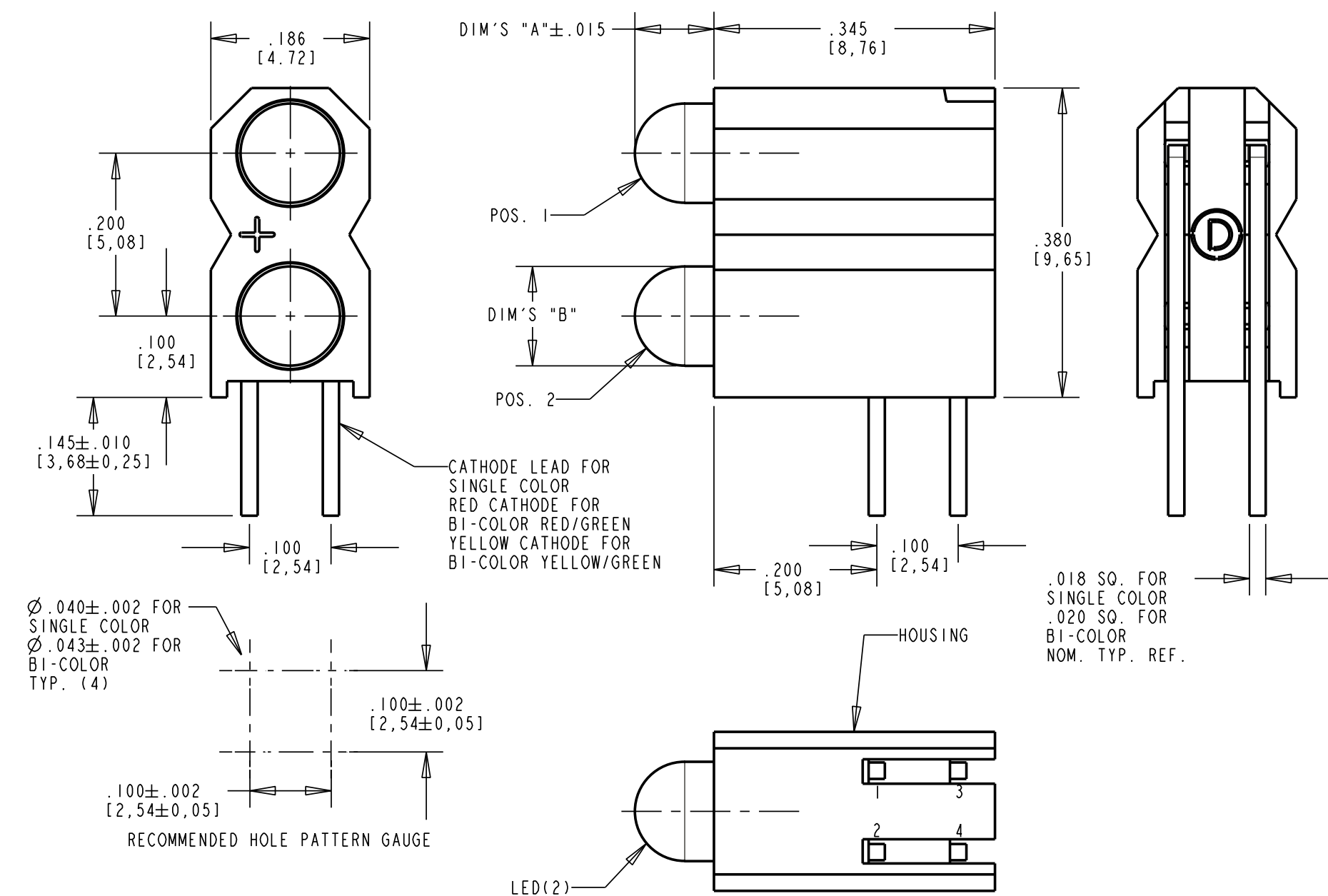
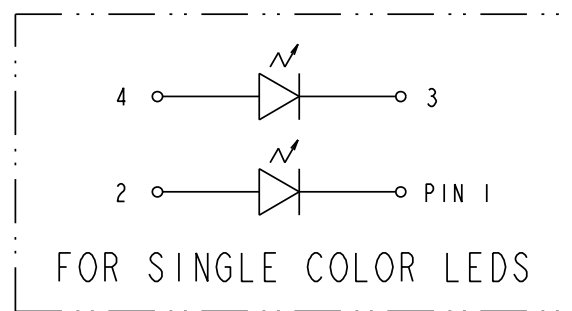
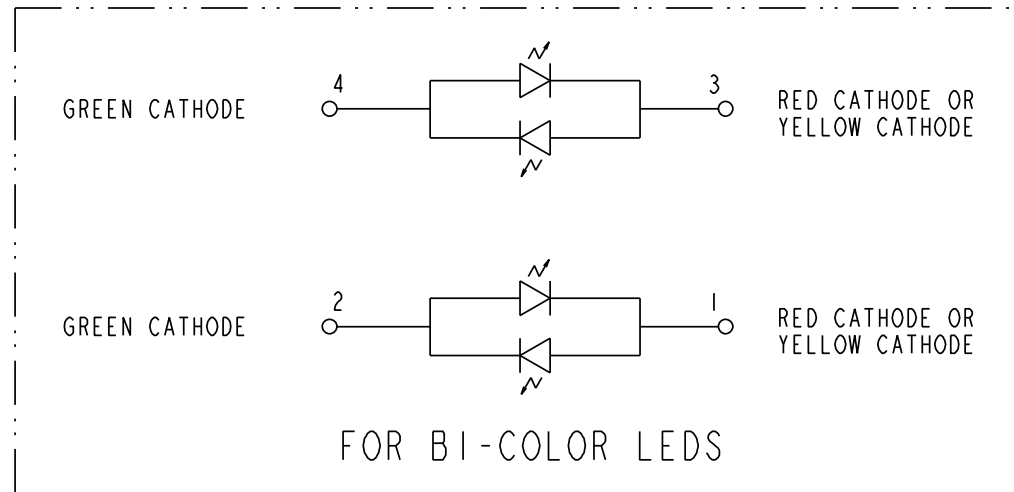


PART NUMBER	ΑΕΔ ΧΩΛΟΡ		ΔΙΜΕΣ VAV	ΔΙΜΕΣ VAV
	ΠΟΙΤΙΟΝ 1	ΠΟΙΤΙΟΝ 2		
553-0102-300	BLANK	GREEN DIFFUSED	.097	.122±.010
553-0103-300	BLANK	YELLOW DIFFUSED	.097	.122±.010
553-0108-300	BLANK	BLUE NON-TINTED DIFFUSED	.093	.110±.010
553-0111-300	RED DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0112-300	RED DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0113-300	RED DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0117-300	RED DIFFUSED	ORANGE DIFFUSED	.097	.122±.010
553-0121-300	GREEN DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0122-300	GREEN DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0123-300	GREEN DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0127-300	GREEN DIFFUSED	ORANGE DIFFUSED	.087	.115±.010
553-0131-300	YELLOW DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0132-300	YELLOW DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0133-300	YELLOW DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0172-300	ORANGE DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0177-300	ORANGE DIFFUSED	ORANGE DIFFUSED	.087	.115±.010
* 553-0188-300	BLUE NON-TINTED DIFFUSED	BLUE NON-TINTED DIFFUSED	.093	.110±.005
553-0201-300	BLANK	2 mA RED DIFFUSED	.087	.115±.010
553-0203-300	BLANK	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0211-300	2 mA RED DIFFUSED	2 mA RED DIFFUSED	.087	.115±.010
553-0212-300	2 mA RED DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0213-300	2 mA RED DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0221-300	2 mA GREEN DIFFUSED	2 mA RED DIFFUSED	.087	.115±.010
553-0222-300	2 mA GREEN DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0223-300	2 mA GREEN DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0232-300	2 mA YELLOW DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0233-300	2 mA YELLOW DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0303-300	BLANK	5 V YELLOW DIFFUSED	.087	.115±.010
553-0311-300	5 V RED DIFFUSED	5 V RED DIFFUSED	.087	.115±.010
553-0312-300	5 V RED DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0313-300	5 V RED DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0322-300	5 V GREEN DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0323-300	5 V GREEN DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0332-300	5 V YELLOW DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0333-300	5 V YELLOW DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0701-300	BLANK	BI-COLOR RED/GREEN	.093	.118±.005
553-0711-300	BI-COLOR RED/GREEN	BI-COLOR RED/GREEN	.093	.118±.005
553-0714-300	BI-COLOR RED/GREEN	BI-COLOR YELLOW/GREEN	.093	.118±.005
553-0741-300	BI-COLOR YELLOW/GREEN	BI-COLOR RED/GREEN	.093	.118±.005
553-0744-300	BI-COLOR YELLOW/GREEN	BI-COLOR YELLOW/GREEN	.093	.118±.005
553-2211-300	RED TINTED NON-DIFFUSED	RED TINTED NON-DIFFUSED	.087	.115±.010
553-2222-300	GREEN TINTED NON-DIFFUSED	GREEN TINTED NON-DIFFUSED	.087	.115±.010
553-2223-300	GREEN TINTED NON-DIFFUSED	YELLOW TINTED NON-DIFFUSED	.087	.115±.010
553-2233-300	YELLOW TINTED NON-DIFFUSED	YELLOW TINTED NON-DIFFUSED	.087	.115±.010

NOTES:

- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING.
  - LAMP MUST BE SEATED ALL THE WAY DOWN INTO HOUSING. BENDS MUST BE TIGHT & NO LONGITUDINAL TRAVEL ALONG AXIS ALLOWED.
  - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
  - DIALIGHT PART NUMBER: 553-XXXX-300.
- \* ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.



10 mA NON-DIFFUSED LED [ OPERATING CHARACTERISTICS AT 25°C ]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	I <sub>f</sub> = 10 mA
	YELLOW	10	50			
	GREEN	32	50			
FORWARD VOLTAGE	RED		2.0	2.8	V	I <sub>f</sub> = 10 mA
	YELLOW		2.1	2.8		
	GREEN		2.1	2.8		
REVERSE VOLTAGE	RED	5			V	I <sub>r</sub> = 100 μA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			

BI-COLOR LED [ OPERATING CHARACTERISTICS AT 25°C ]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW GREEN	2.5	4.3		mcd	I <sub>f</sub> = 10 mA
	RED GREEN	2.5	4.7			
	RED GREEN	3.7	10.0			
FORWARD VOLTAGE	YELLOW GREEN		2.1	2.8	mA	I <sub>f</sub> = 10 mA
	RED GREEN		2.0	2.8		
	YELLOW GREEN		585			
PEAK WAVELENGTH	RED GREEN		635		nm	MEASURED AT PEAK
	RED GREEN		585			
	RED GREEN		565			

10 mA DIFFUSED LED [ OPERATING CHARACTERISTICS AT 25°C ]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	3.6	10		mcd	I <sub>f</sub> = 10 mA
	YELLOW	2.2	6.3			
	GREEN	5.6	16			
	BLUE	6.3		20		
	ORANGE	3.4	7.0			
FORWARD VOLTAGE	RED		2.0	3.0	V	I <sub>f</sub> = 10 mA
	YELLOW		2.1	3.0		
	GREEN		2.1	3.0		
	BLUE		3.5	4.2		
	ORANGE		1.5	2.2		
REVERSE VOLTAGE	RED	3			V	I <sub>r</sub> = 10 μA
	YELLOW	3				
	GREEN	3				
	BLUE	3				
	ORANGE	5				
PEAK WAVELENGTH	RED		650		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		563			
	BLUE		428			
	ORANGE		600			

2 mA NON-DIFFUSED LED [ OPERATING CHARACTERISTICS AT 25°C ]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	1.0	1.6		mcd	I <sub>f</sub> = 2 mA
	YELLOW	1.0	1.6			
	GREEN	1.0	1.6			
FORWARD VOLTAGE	RED		1.7	2.2	V	I <sub>f</sub> = 2 mA
	YELLOW		1.8	2.7		
	GREEN		1.9	2.2		
REVERSE VOLTAGE	RED	5			V	I <sub>r</sub> = 50 μA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			

5 V INTEGRAL RESISTOR LED [ OPERATING CHARACTERISTICS AT 25°C ]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	V <sub>f</sub> = 5 V
	YELLOW	3.7	12.6			
	GREEN	5.6	19			
FORWARD CURRENT	RED		10	20	mA	V <sub>f</sub> = 5 V
	YELLOW		10	20		
	GREEN		10	20		
REVERSE VOLTAGE	RED	5			V	I <sub>r</sub> = 100 μA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	---	NEW RELEASE	LR		N.O.	6-12-95
B	---	ADDED P/N's -0112, -0113, -0117, -0121, -0123, -0131, -0132, -0172, -0177, -0201, -0203, -0212, -0213, -0221, -0223, -0232, -0312, -0332, -0741 & -2223; REMOVED -2203-300; ADDED NOTE 4.	TC	D.C.	N.O.	7-27-99
C	---	ADDED P/N 553-0102-300, -0188-300, -0701-300, LED SPECS. AND ATTENTION NOTE.	TC	D.C.	N.O.	10-18-99
D	---	REVISED 5V, R/G, Y/G, BI-COLOR, 10 mA NON-DIFFUSED LED SPECS.	TC	D.C.	N.O.	9-18-00
E	---	ADDED ORANGE COLOR TO 10mA DIFFUSED LED SPECS. ALSO ADDED P/N 553-0103-300 AND 553-0714-300. REVISED 2mA LOW CURRENT LED'S FORWARD VOLT. ALL TYP. SPECS.	DC	Y.C.	N.O.	2-19-01
F	---	ADDED P/N 553-0323-300	YIS	D.C.	N.O.	9-26-01
G	---	ADDED P/N 553-0313-300	DC	AM	AV	7-16-02
H	---	ADDED P/N 553-0127-300 553-0108-300	YIS			

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SCALE 8:1

DRAWING NUMBER: C-15986

REV: H

TOLERANCES: UNLESS OTHERWISE SPECIFIED

FRACTIONS: ±1/64

DECIMALS (.XX): ±.02

DECIMALS (.XXX): ±.015

ANGLES: ±1°

FINISH:

FSCM 83330

TITLE: 3mm BI-LEVEL LED CBI

MATERIAL:

**Dialight** 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727

SHEET OF FAMILY TABLES: