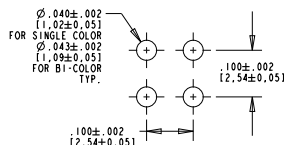
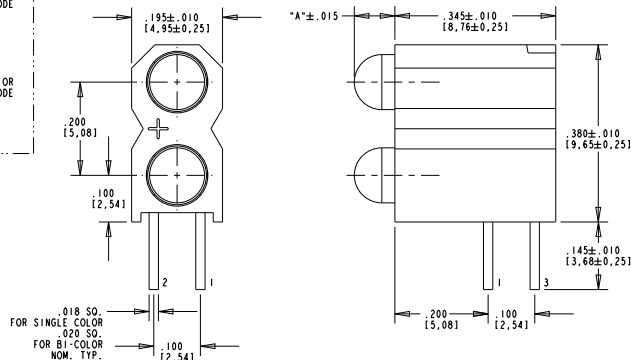
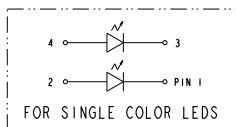
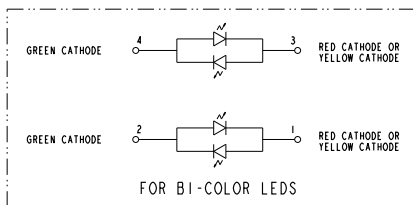


DIALIGHT PART NUMBER	LED COLOR		DIM "A"	DIM "B"
	POSITION 1	POSITION 2		
553-0102-300F		GREEN DIFFUSED	.097	.122±.010
553-0103-300F	BLANK	YELLOW DIFFUSED	.097	.122±.010
553-0108-300F	BLANK	BLUE NON-TINTED DIFFUSED	.093	.110±.010
553-0111-300F	RED DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0112-300F	RED DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0113-300F	RED DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0117-300F	RED DIFFUSED	ORANGE DIFFUSED	.097	.122±.010
553-0121-300F	GREEN DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0122-300F	GREEN DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0123-300F	GREEN DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0127-300F	GREEN DIFFUSED	ORANGE DIFFUSED	.087	.115±.010
553-0131-300F	YELLOW DIFFUSED	RED DIFFUSED	.097	.122±.010
553-0132-300F	YELLOW DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0133-300F	YELLOW DIFFUSED	YELLOW DIFFUSED	.097	.122±.010
553-0172-300F	ORANGE DIFFUSED	GREEN DIFFUSED	.097	.122±.010
553-0177-300F	ORANGE DIFFUSED	ORANGE DIFFUSED	.087	.115±.010
553-0188-300F	BLUE NON-TINTED DIFFUSED	BLUE NON-TINTED DIFFUSED	.093	.110±.005
553-0201-300F	BLANK	2 mA RED DIFFUSED	.087	.115±.010
553-0203-300F	BLANK	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0211-300F	2 mA RED DIFFUSED	2 mA RED DIFFUSED	.087	.115±.010
553-0212-300F	2 mA RED DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0213-300F	2 mA RED DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0221-300F	2 mA GREEN DIFFUSED	2 mA RED DIFFUSED	.087	.115±.010
553-0222-300F	2 mA GREEN DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0223-300F	2 mA GREEN DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0232-300F	2 mA YELLOW DIFFUSED	2 mA GREEN DIFFUSED	.087	.115±.010
553-0233-300F	2 mA YELLOW DIFFUSED	2 mA YELLOW DIFFUSED	.087	.115±.010
553-0303-300F	BLANK	5 V YELLOW DIFFUSED	.087	.115±.010
553-0311-300F	5 V RED DIFFUSED	5 V RED DIFFUSED	.087	.115±.010
553-0312-300F	5 V RED DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0313-300F	5 V RED DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0322-300F	5 V GREEN DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0323-300F	5 V GREEN DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0332-300F	5 V YELLOW DIFFUSED	5 V GREEN DIFFUSED	.087	.115±.010
553-0333-300F	5 V YELLOW DIFFUSED	5 V YELLOW DIFFUSED	.087	.115±.010
553-0701-300F	BLANK	BI-COLOR RED/GREEN	.093	.118±.005
553-0711-300F	BI-COLOR RED/GREEN	BI-COLOR RED/GREEN	.093	.118±.005
553-0714-300F	BI-COLOR RED/GREEN	BI-COLOR YELLOW/GREEN	.093	.118±.005
553-0741-300F	BI-COLOR YELLOW/GREEN	BI-COLOR RED/GREEN	.093	.118±.005
553-0744-300F	BI-COLOR YELLOW/GREEN	BI-COLOR YELLOW/GREEN	.093	.118±.005
553-2211-300F	RED TINTED NON-DIFFUSED	RED TINTED NON-DIFFUSED	.087	.115±.010
553-2222-300F	GREEN TINTED NON-DIFFUSED	GREEN TINTED NON-DIFFUSED	.087	.115±.010
553-2223-300F	GREEN TINTED NON-DIFFUSED	YELLOW TINTED NON-DIFFUSED	.087	.115±.010
553-2232-300F	YELLOW TINTED NON-DIFFUSED	GREEN TINTED NON-DIFFUSED	.087	.115±.010
553-2233-300F	YELLOW TINTED NON-DIFFUSED	YELLOW TINTED NON-DIFFUSED	.087	.115±.010

NOTES:

- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 553-XXXX-300F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



RECOMMENDED HOLE PATTERN GAUGE



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

RoHS Compliant 553-XXXX-300F Thru hole Bi-level CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 553-0112-300F
The bag 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.

10 mA NON-DIFFUSED LED [OPERATING CHARACTERISTICS AT 25°C]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mc	I _F = 10 mA
	YELLOW	10	30			
	GREEN	12	30			
FORWARD VOLTAGE	RED	2.0	2.8		V	I _F = 10 mA
	YELLOW	2.1	2.8			
	GREEN	2.1	2.8			
REVERSE VOLTAGE	RED	5			V	I _R = 100 µA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED	635			nm	MEASURED AT PEAK
	YELLOW	585				
	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		mc	I _F = 10 mA
	YELLOW	2.2	6.3			
	GREEN	5.6	16			
	BLUE	6.3	7.0		20	
	ORANGE	3.4	7.0			
FORWARD VOLTAGE	RED	2.0	3.0		V	I _F = 10 mA
	YELLOW	2.1	3.0			
	GREEN	2.1	3.0			
	BLUE	5.5	4.2			
	ORANGE	1.5	2.2	3.0		
REVERSE VOLTAGE	RED	3			V	I _R = 10 µA
	YELLOW	3				
	GREEN	3				
	BLUE	3				
	ORANGE	3				
PEAK WAVELENGTH	RED	650			nm	MEASURED AT PEAK
	YELLOW	585				
	GREEN	565				
	BLUE	478				
	ORANGE	600				

BI-COLOR LED [OPERATING CHARACTERISTICS AT 25°C]						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	2.5	4.3		mc	I _F = 10 mA
	GREEN	2.5	6.3			
	RED	2.5	4.7			
FORWARD VOLTAGE	YELLOW	2.1	2.8		mA	I _F = 10 mA
	RED	2.0	2.8			
	GREEN	2.0	2.8			
PEAK WAVELENGTH	YELLOW	585			nm	MEASURED AT PEAK
	GREEN	565				
	RED	635				

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		mc	I _F = 2 mA
	YELLOW	1.0	1.6			
	GREEN	1.0	1.6			
FORWARD VOLTAGE	RED	1.7	2.2		V	I _F = 2 mA
	YELLOW	1.8	2.7			
	GREEN	1.9	2.2			
REVERSE VOLTAGE	RED	5			V	I _R = 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		mc	V _F = 5 V
	YELLOW	3.7	12.5			
	GREEN	5.6	19			
FORWARD CURRENT	RED	10	20		mA	V _F = 5 V
	YELLOW	10	20			
	GREEN	10	20			
REVERSE VOLTAGE	RED	5			V	I _R = 100 µA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED	635			nm	MEASURED AT PEAK
	YELLOW	585				
	GREEN	565				

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17297	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	3mm BI-LEVEL LED CBI
FRACTIONS: 1/164	RoHS COMPLIANT	
DECIMALS (.XXX): 0.02	MATERIAL	
ANGLES: 90°		
FINISH:	Dialight	1501 ROUTE 34 SOUTH
FSCN	83330	FARMINGDALE, NJ 07727
	SHEET 1 OF 1	FAMILY TABLE: