

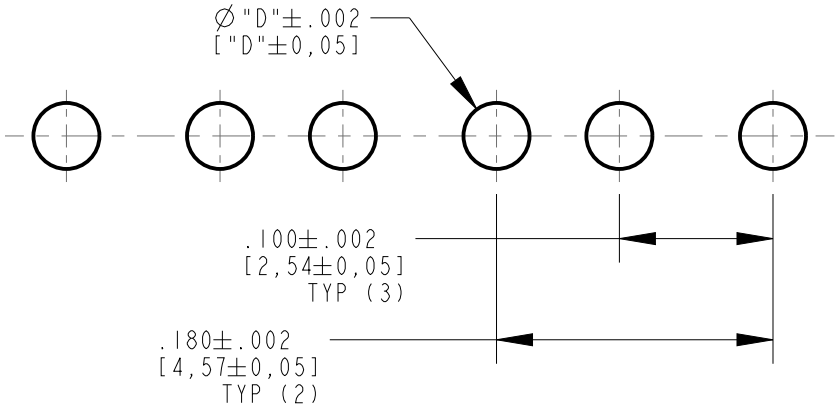
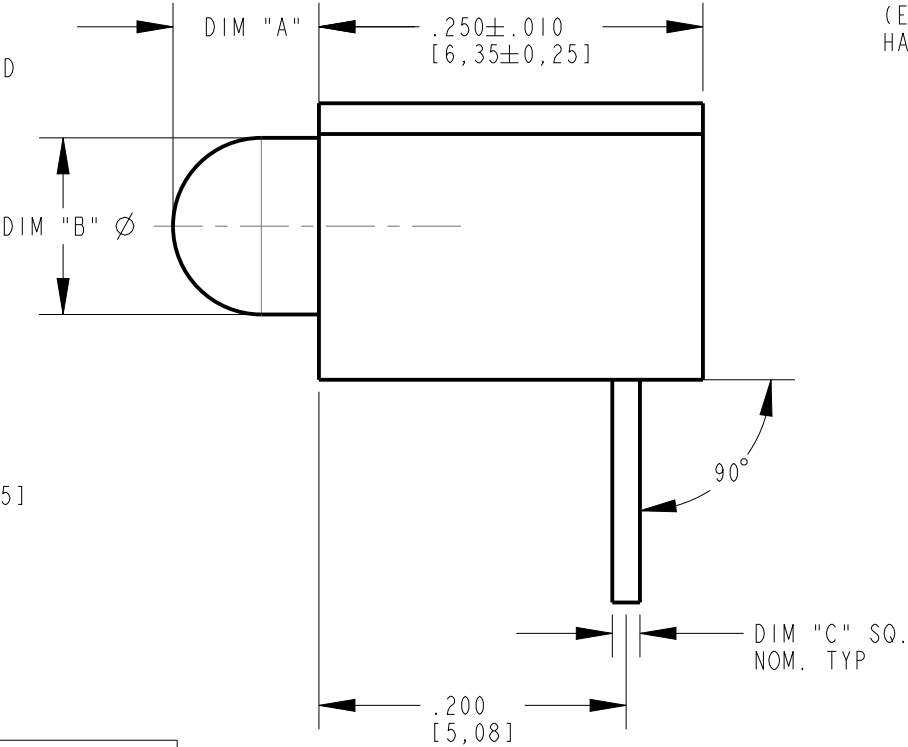
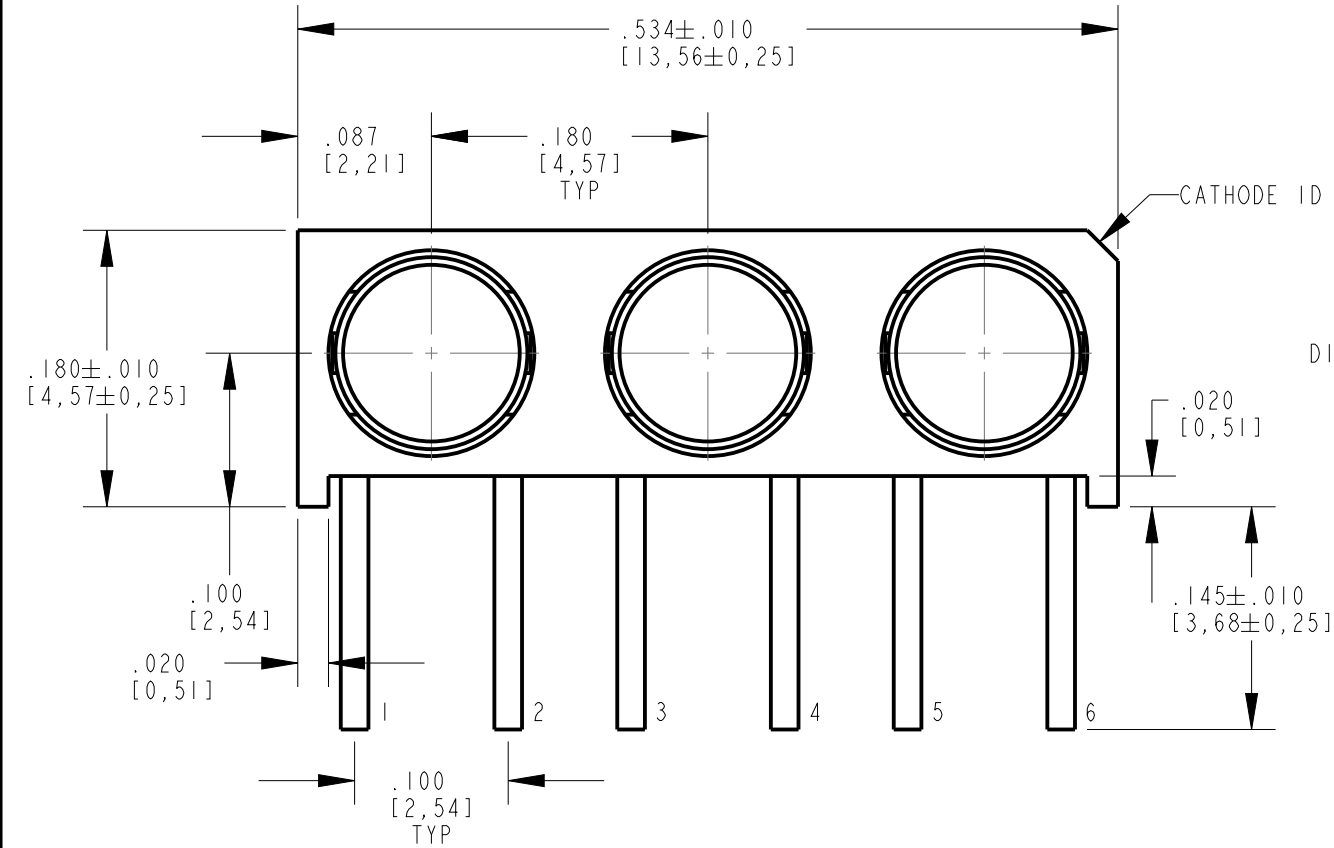
DIALIGHT PART NUMBER	DIM "A"	DIM "B"	DIM "C"	DIM "D"
551-0206-003F	.095 [2,41]	.118±.010 [3±0,25]	0.016x0.018 [0.41x0.46]	.040 [1,02]
551-0306-003F	.095 [2,41]	.118±.010 [3±0,25]	0.016x0.018 [0.41x0.46]	.040 [1,02]
551-0406-003F	.095 [2,41]	.118±.010 [3±0,25]	0.016x0.018 [0.41x0.46]	.040 [1,02]
551-1106-003F	.095 [2,41]	.115±.010 [2,92±0,25]	.018 [0,46]	.040 [1,02]
551-1206-003F	.095 [2,41]	.115±.010 [2,92±0,25]	.018 [0,46]	.040 [1,02]
551-1306-003F	.095 [2,41]	.115±.010 [2,92±0,25]	.018 [0,46]	.040 [1,02]

RoHS COMPLIANT 551-XX06-003F
Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 551-0206-003F
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.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	12-17-09
B	—	UPDATED DIM A & C FOR P/N'S 551-0206/0306/0406-003F. ALSO UPDATED LED SPECS	BP	—	NO	8-22-16

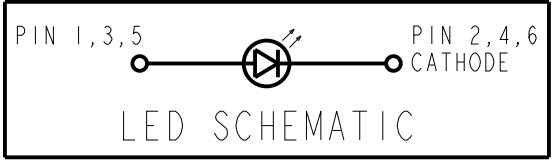
NOTES:

- 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: 551-XX06-003F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

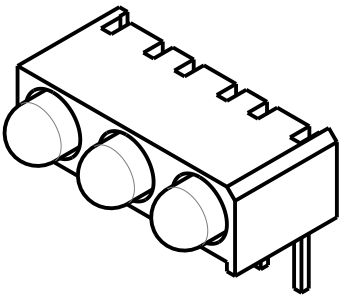


RECOMMENDED HOLE PATTERN

DIALIGHT PART NUMBER	LED COLOR	OPERATING CHARACTERISTICS AT 25°C AMBIENT							
		LUMINOUS INTENSITY (mcd)		FORWARD VOLTAGE (V)		REVERSE CURRENT (μA)	PEAK WAVELENGTH (nm)	VIEWING ANGLE (°)	TEST CONDITIONS
		MIN	TYP	TYP	MAX	MAX	TYP		
551-0206-003F	GREEN DIFF.	5.6	12.6	2.1	2.6	100 @ V _R =5V	565	60	I _F =10mA
551-0306-003F	YELLOW DIFF.	3.7	8.7	2.1	2.6	100 @ V _R =5V	585	60	I _F =10mA
551-0406-003F	RED DIFF.	2.5	8.7	2.0	2.6	100 @ V _R =5V	635	60	I _F =10mA
551-1106-003F	RED DIFF.	1.0	1.6	1.7	2.2	10 @ V _R =5V	635	60	I _F =2mA
551-1206-003F	YELLOW DIFF.	2.3	5.0	1.8	2.4	100 @ V _R =5V	591	60	I _F =2mA
551-1306-003F	GREEN DIFF.	1.0	1.6	1.9	2.2	10 @ V _R =5V	565	60	I _F =2mA



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



SCALE 3.000

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	DIALIGHT PART NUMBER						UNITS
	551-0206-003F	551-0306-003F	551-0406-003F	551-1106-003F	551-1206-003F	551-1306-003F	
POWER DISSIPATION	120	60	100	20	75	20	mW
CONTINUOUS FORWARD CURRENT	30	20	30	7	30	7	mA
PEAK FORWARD CURRENT	90	60	90	500	60	500	mA
REVERSE VOLTAGE	5	5	5	5	5	5	V
SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BASE	260	260	260	260	260	260	°C
OPERATING TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	-40 TO +100	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	°C

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SCALE: 8.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER 551-0207-802F	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015	TITLE Ø3mm CBI TRI-BLOCK, .100" CENTERLINE	
ANGLES: ±3° FINISH: -	MATERIAL -	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 1 OF 1	FAMILY TABLE: