

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	CE	AE		

OPERATING CHARACTERISTICS AT 25°C AMBIENT							
CHARACTERISTICS	CAT. NO.	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	555-2003F	RED	1	2.2		mcd	Vf = 5.0 VOLTS
	555-2007F	RED	0.4	0.9			
	555-2009F	RED	0.4	0.9			
	555-2303F	GREEN	1.0	3.0			
	555-2403F	YELLOW	1.3	3.7			
FORWARD CURRENT	555-2003F	RED	4		8	mA	Vf = 5.0 VOLT
	555-2007F	RED	2		4		
	555-2009F	RED			2.6		
	555-2303F	GREEN		3.5	6.7		
	555-2403F	YELLOW	2.8	4.7	6.7		
PEAK WAVELENGTH	555-2003F	RED		650		nm	
	555-2007F	RED		650			
	555-2009F	RED		650			
	555-2303F	GREEN		565			
	555-2403F	YELLOW		583			
VIEWING ANGLE	ALL	ALL		90		Degree	

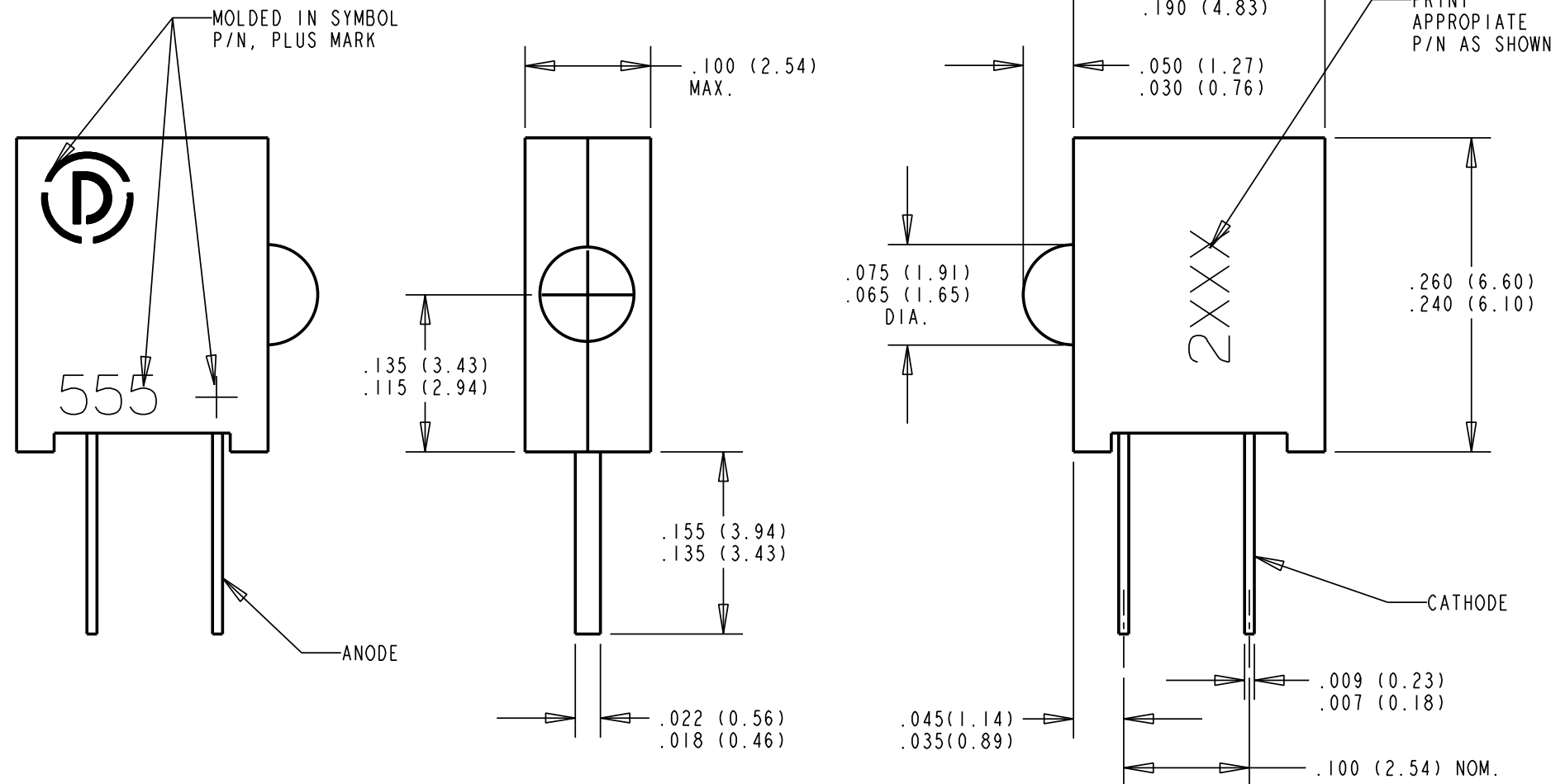


ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

RoHS Compliant 555-2XXXF

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 555-2303F
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.

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	555-2003F RED	555-2007F RED	555-2009F RED	555-2303F GREEN	555-2403F YELLOW	UNITS
DC FORWARD VOLTAGE	6	6	6	6	6	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	260	260	260	260	°C
OPERATING TEMPERATURE	-40 TO +85	-40 TO +85	-40 TO +85	-20 TO +85	-40 TO +85	°C
STORAGE TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	-55 TO +100	°C



NOTES:

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
- DIALIGHT PART NO. 555-2003F, 555-2007F, 555-2009F, 555-2303F, 555-2403F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

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SCALE 8:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17461	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 2 mm SINGLE CBI INTEGRAL, RESISTOR 5 VOLT, RoHS COMPLIANT	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXX): ±.005	FINISH:	
DECIMALS (.XXXX): ±.0005	FSCM 83330	
ANGLES: ±3°	SHEET 1 OF 1 FAMILY TABLE:	