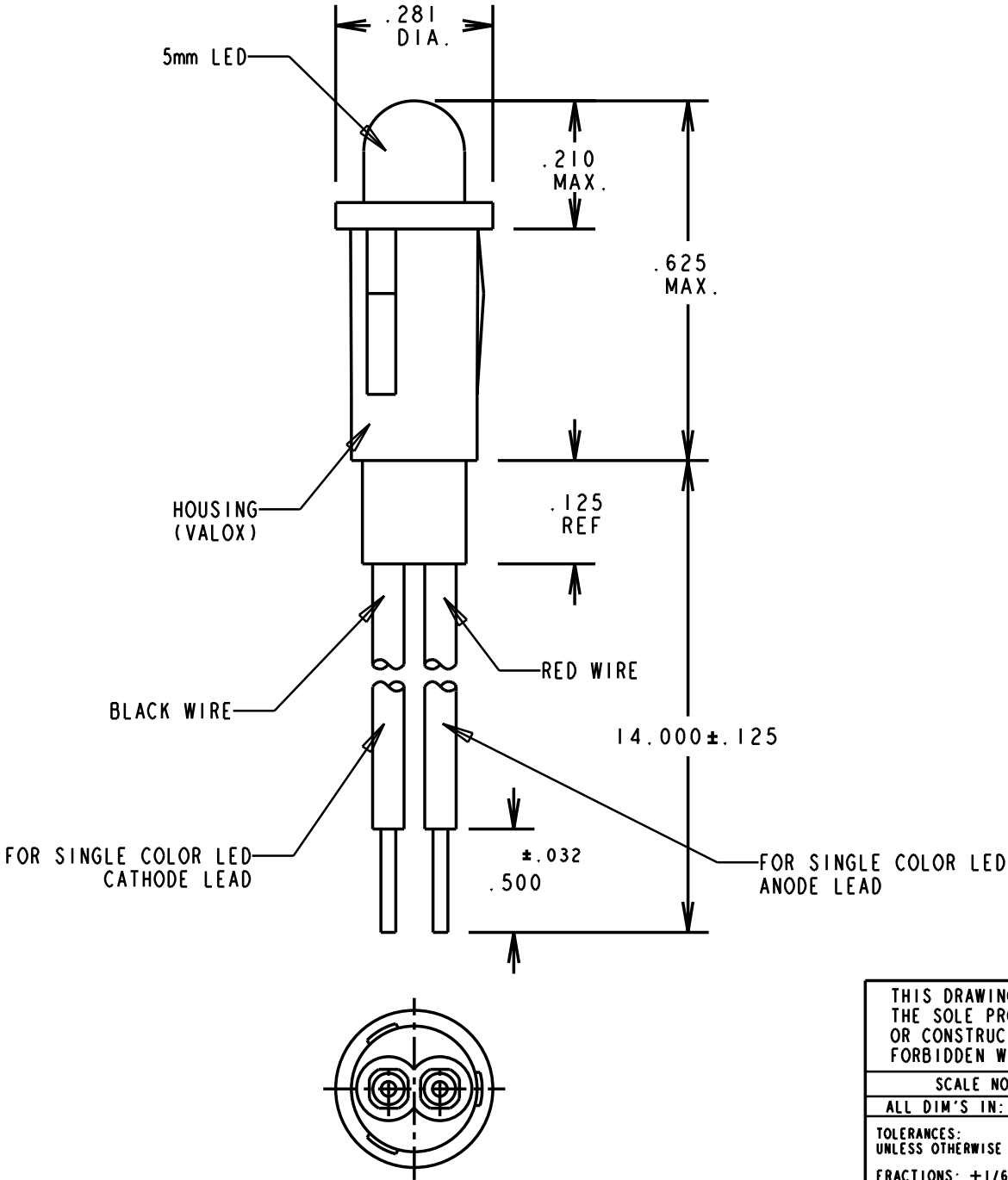


ASSEMBLY NO.	DIM "A"	TYP. V _F (V)	TYP. I _F (mA)	LED EPOXY COLOR	LED CHIP	PEAK WAVE. λ _p (nm)	LUM.INT. TYP. I _v (mcd)
559-5101-007	0.585	2.1	20	RED DIFF.	GaAs	650	34.0
559-5201-007	0.585	2.2	20	GREEN DIFF.	GaP	563	34.0
559-5301-007	0.585	2.2	20	YELLOW DIFF.	GaAsP/GaP	583	34.0
559-5401-007	0.585	2.2	20	ORANGE DIFF.	GaAsP/GaP	610	34.0
559-5501-007	0.599	2.2	20	WATER CLEAR	GaAsP/GaP	635	125.0
559-5601-007	0.599	2.3	20	WATER CLEAR	GaP	565	120.0
559-5701-007	0.599	2.2	20	WATER CLEAR	GaAsP/GaP	583	140.0
559-5801-007	0.585	2.2	20	WATER CLEAR	GaAsP/GaP	605	90.0
559-5901-007	0.585	2.02	20	WATER CLEAR	AlInGaP	592	3100.0
559-6001-007 *	0.532	3.6	20	WATER CLEAR	InGaN	468	650.0
559-6101-007	0.585	1.9	20	WATER CLEAR	AlInGaP	635	2100.0
559-6201-007 *	0.532	3.5	20	WATER CLEAR	InGaN	520	2200.0
559-6301-007	0.585	1.9	20	WATER CLEAR	AlInGaP	605	4000.0
559-6401-007 *	0.532	3.5	20	WATER CLEAR	InGaN+P	NOTE 4	600.0

NOTES:

1. REQUIRES EXTERNAL RESISTOR.
2. LEAD WIRES: #24 PVC 7/32 PRE BONDED.
3. RECOMMENDED MOUNTING HOLE: .249 - .252 DIA. ON PANELS .031 THRU .062 THICK.
4. EMITTING WHITE LIGHT
CHROMATICITY COORDINATES X=0.23 TO 0.39
Y=0.22 TO 0.42
5. * ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING
ELECTROSTATIC SENSITIVE DEVICES. PACKAGE THIS
PRODUCT IN ANTI-STATIC BAG WITH ESD PRECAUTION
LABEL P/N 9100-117-0505-00 ON EACH BAG. FOR EYE
SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT
BEAM OF THESE LED DEVICES AT CLOSE RANGE.
6. DIALIGHT PART NUMBER: 559-5101-007 THRU 559-6401-007.



REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
B	—	ADDED ITEMS -5801-007 THRU -6401-007 WITH ELEC. SPEC; UPDATED ELECTRICAL SPECS FOR EXISTING ITEMS; REVISED NOTE 1; DELETED NOTES 2, 4 AND 5; NOTE 3 WAS REVISED & BECAME 2; ADDED NEW NOTES 3 AND 4; REDRAWN TO CAD.	TC		N.O.	9-30-97
C	—	ADDED NOTES 5 AND 6; REVISED NOTE 1.	TC	N.O.	N.O.	10-23-98
D	—	P/N 559-6301-007 LUMINOUS INTENSITY 4000.0 WAS 1300.0.	TC			

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SCALE NONE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-15120	D
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020	Dialight	
DECIMALS (.XXX): ±.015		
ANGLES: ±3°	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
FINISH:	SHEET OF FAMILY TABLE:	
FSCM 83330		