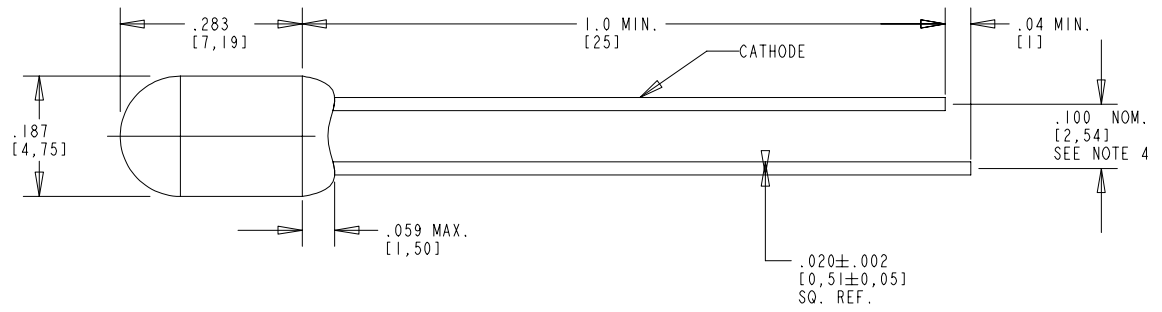
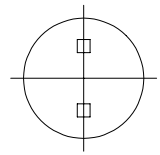


DIALIGHT PART NUMBER	LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	VIEWING ANGLE (DEG.) 2θ 1/2	CAPACITANCE (pF) @V <sub>r</sub> = 0; f = 1MHz		LUMINOUS INTENSITY (mcd) @I <sub>f</sub> = 20 mA; 25°C		FORWARD VOLTAGE (V) @I <sub>f</sub> = 20 mA; 25°C		REVERSE CURRENT (μA) 25°C
				TYP.	MIN.	TYP.	TYP.	MAX.	MAX.	
521-9672	RED DIFFUSED	635	60	20	3.5	12.3	2.0	2.8	100 @ V <sub>r</sub> = 5 V	
521-9673	YELLOW DIFFUSED	585	60	16	3.5	12.3	2.1	2.8	100 @ V <sub>r</sub> = 5 V	
521-9674	GREEN DIFFUSED	565	60	35	3.5	12.3	2.1	2.8	100 @ V <sub>r</sub> = 5 V	

REV.	ECN NO.	REVISIONS	DRN	CKD.	APP.	DATE
A		NEW RELEASE	DC	MC	NO	10-12-99
B		ADDED P/N 521-9672 AND 521-9674	JAV			



NOTES:

- DIE: GaAsP/GaP FOR RED AND YELLOW, AND GaP FOR GREEN.
- LEADS: SOLDER DIP MILD STEEL.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- DIALIGHT PART NUMBERS:

PART NUMBER	COLOR
521-9672	RED
521-9673	YELLOW
521-9674	GREEN

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT				
CHARACTERISTIC	RED DIFFUSED	YELLOW DIFFUSED	GREEN DIFFUSED	UNITS
POWER DISSIPATION	80	60	100	mW
CONTINUOUS FORWARD CURRENT	40	20	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0/1 ms PULSE WIDTH)	200	80	120	mA
DERATING LINEAR FROM 25°C	0.5	0.25	0.4	mA/°C
REVERSE VOLTAGE	5	5	5	V
SOLDERING TEMPERATURE (.063 IN. FROM BODY)	260°C FOR 5 SEC.			
OPERATING TEMPERATURE	-55 TO +100 °C			
STORAGE TEMPERATURE	-55 TO +100 °C			

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SCALE: 5.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-16606	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 5MM LED, DIFFUSED FLANGELESS	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.02	-	
DECIMALS (.XXX): ±.015	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXXX): ±.0005	FSCM 83330	
ANGLES: ±1°	SHEET 1 OF 1 FAMILY TABLE:	
FINISH:		