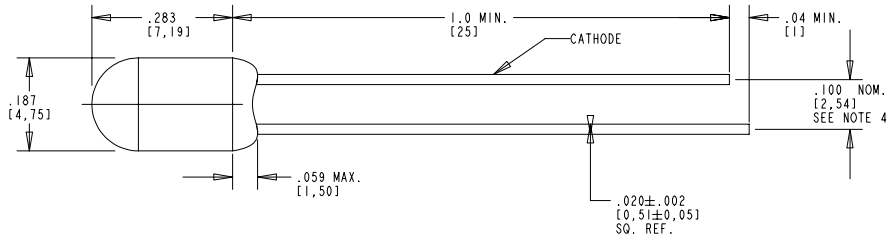
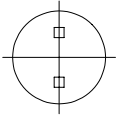


DIALIGHT PART NUMBER	LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	VIEWING ANGLE (DEG.) 20 1/2	CAPACITANCE (pF)		LUMINOUS INTENSITY (mcd) $\theta_{1/2}$		FORWARD VOLTAGE (V) $\theta_{1/2}$		REVERSE CURRENT ( $\mu$ A)
				$\theta_{Vf} = 0;$ $f = 1\text{MHz}$	$f = 1\text{MHz}$	$\theta_{1/2} = 20 \text{ mA};$ $25^\circ\text{C}$	$\theta_{1/2} = 20 \text{ mA};$ $25^\circ\text{C}$	$\theta_{1/2} = 20 \text{ mA};$ $25^\circ\text{C}$	$25^\circ\text{C}$	
				TYP.	MIN.	TYP.	TYP.	MAX.	MAX.	MAX.
521-9672	RED DIFFUSED	635	60	20	3.5	12.3	2.0	2.8	100	$\theta_{Vr} = 5 \text{ V}$
521-9673	YELLOW DIFFUSED	585	60	16	3.5	12.3	2.1	2.8	100	$\theta_{Vr} = 5 \text{ V}$
521-9674	GREEN DIFFUSED	565	60	35	3.5	12.3	2.1	2.8	100	$\theta_{Vr} = 5 \text{ V}$

REV.	ECN NO.	REVISIONS	DRN	CHK.	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	
FRACTIONS: ±1/64	SMM LED, DIFFUSED FLANGELESS	
DECIMALS (.XX): ±.02	MATERIAL	
DECIMALS (.XXX): ±.015		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: