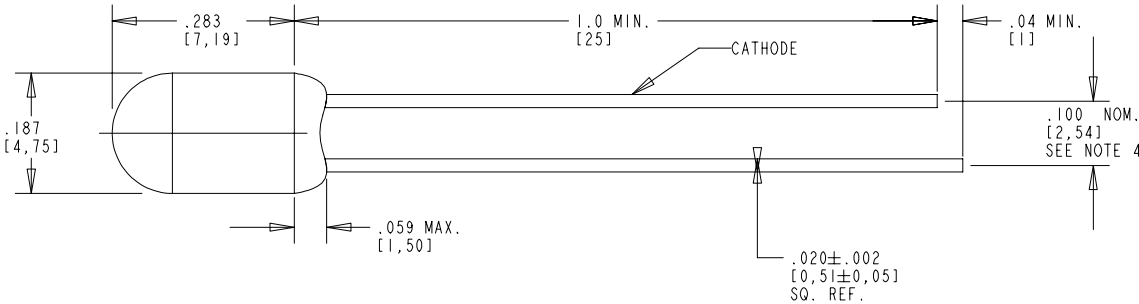
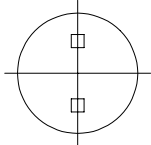


DIALIGHT PART NUMBER	LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	VIEWING ANGLE (DEG.) 2θ 1/2	CAPACITANCE (pF) @V _f = 0; f = 1MHz	LUMINOUS INTENSITY (mcd) @I _f = 20 mA; 25°C		FORWARD VOLTAGE (V) @I _f = 20 mA; 25°C		REVERSE CURRENT(μA) 25°C
				TYP.	MIN.	TYP.	TYP.	MAX.	
521-9672	RED DIFFUSED	635	60	20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

1. DIE: GaAsP/GaP FOR RED AND YELLOW, AND GaP FOR GREEN.
2. LEADS: SOLDER DIP MILD STEEL.
3. SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
4. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
5. 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

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 5.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-16606	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 5MM LED, DIFFUSED FLANGELESS	
FINISH: -	MATERIAL -	
FSCM 83330		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
SHEET 1 OF 1 FAMILY TABLE:		