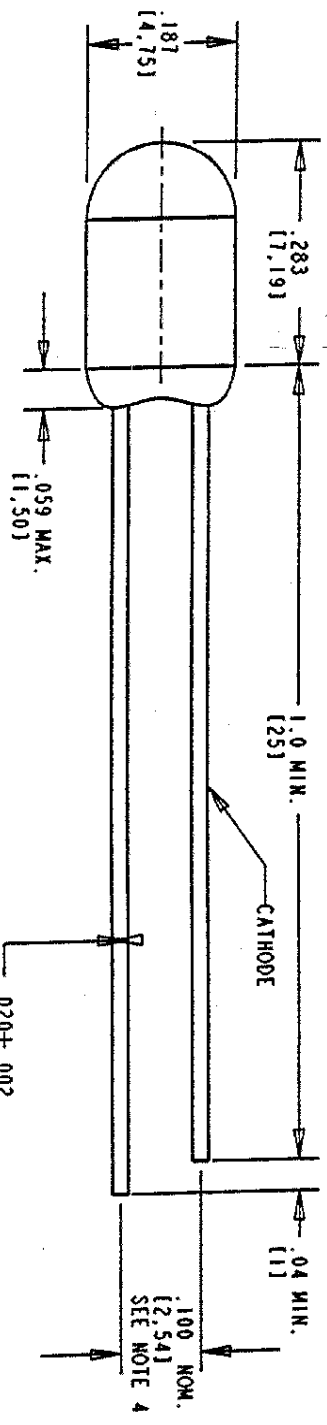
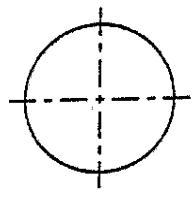


DIALIGHT PART NUMBER	LENS COLOR	WAVELENGTH (nm)	ANGLE (DEG.)	θ _{VF} = 0; I = 1MHz	(mcd) θ _{1/2} = 20 mA; 25°C	θ _{1/2} = 20 mA; 25°C	MAX.
521-9672	RED DIFFUSED	635	60	20	3.5	12.3	2.0
521-9673	YELLOW DIFFUSED	585	60	16	3.5	12.3	2.1
521-9674	GREEN DIFFUSED	565	60	35	3.5	12.3	2.1



.020±.002
(0.51±0.05)
SO. REF.

NOTES:

1. DIE: G0A5P/G0P FOR RED AND YELLOW, AND G0P 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 (0.063 IN. FROM BODY)	260°C FOR 5 SEC.			°C
OPERATING TEMPERATURE	-55 TO +100			°C

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SCALE: 5:000
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XXX): ±.02
DECIMALS (.XXXX): ±.015
DECIMALS (.XXXXX): ±.0005
ANGLES: ±1°

DRAWING NUMBER: **C-16606**

REV: **B**

TITLE: **SMR LED, DIFFUSED FLANGELESS**

MATERIAL:

FINISH:

A	NEW RELEASE	DC	MC	NO	10-12-99
B	ADDED P/N 521-9672 AND 521-9674	JAV	MIC	7/8/03	11-18-03

