

DATA DISPLAY PRODUCTS (DDP) PROPRIETARY INFORMATION. DO NOT REPRODUCE, COPY, OR USE WITHOUT EXPRESS WRITTEN PERMISSION. COPYRIGHT DATA DISPLAY PRODUCTS.

REV.	DATE	BY	DESCRIPTION
B	020515	LC	CORRECTION

502983

ELECTRO-OPTICAL CHARACTERISTICS

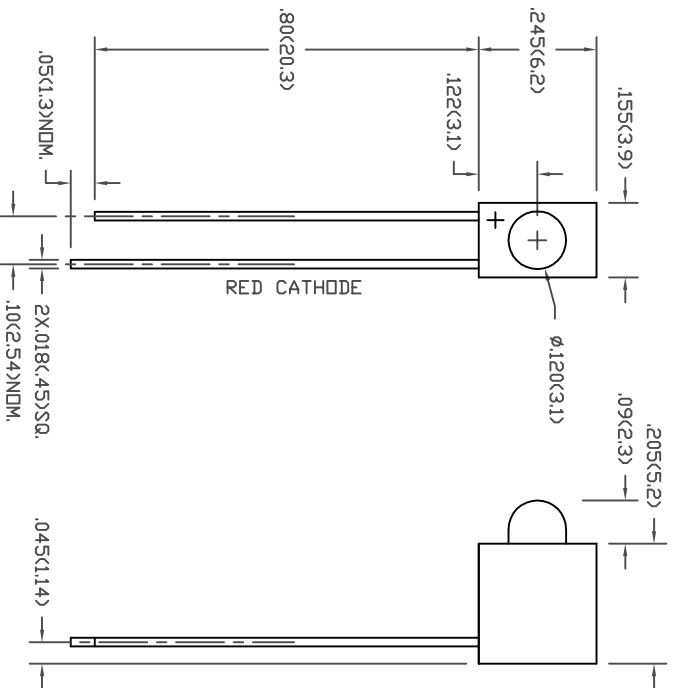
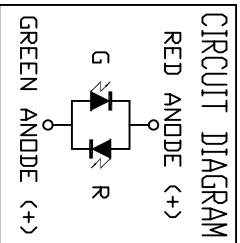
@ T_a = 25°C

SYM	PARAMETER	LED COLOR		UNIT
		RED	GREEN	
I _v	TYP. LUMINOUS INTENSITY @ I _f =20mA	4.3	3.7	mcd
V _f	TYP. FORWARD VOLTAGE @ I _f =20mA	2.1	2.1	V
V _{mx}	MAX. FORWARD VOLTAGE @ I _f =20mA	3.0	3.0	V
V _{br}	REVERSE BREAKDOWN @ I _r =100µA	5	5	V
λ _{pk}	PEAK WAVELENGTH	635	567	nm
2θ _{1/2}	VIEWING ANGLE	118		deg

ABSOLUTE MAX. RATINGS T_a=25°C

PARAMETER	VALUE	UNIT
POWER DISSIPATION	100	mW
DERATE/°C >T _a	1.6	mW
CONTINUOUS CURRENT	30	mA
PEAK CURRENT @ 100kHz, 5% DUTY CYCLE	100	mA
OPERATING TEMPERATURE	-25/+85	°C
STORAGE TEMPERATURE	-25/+100	°C
SOLDERING	.063" BELOW PACKAGE BASE FOR 5 SECONDS	260 °C

REMARKS:
1. Dimensions are in inches(mm).
2. LED encapsulation is milky-diffused.



Data Display Products

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DATE: 000530 DWN BY: LC CHK'D BY: APPR'D BY:

LAST REV. DATE: 020515 REV LEVEL: B MATERIAL: -

TITLE: PCH125-DRG

SCALE: NONE TOL: .XXX) .XXX(XXX) ANG. DWG NUMBER: 502983