

### FEATURES:

- Special Design Available
- Low Current Requirements
- High Light Output
- Easy Key Code

### ABSOLUTE MAXIMUM RATINGS, $T_a = 25^\circ\text{C}$

Reverse voltage per led chip.....	5.0 V
D.C Forward current .....	30 mA
Pulse current. ( 1.10 duty cycle , 0.1 ms pulse width) .....	100 mA
Operating temperat. Range.....	-25°C to + 85°C
Storage temperat. Range.....	-25°C to + 100°C
Lead soldering temp. ....	260°C for 5 seconds

### ELECTRICAL / OPTICAL CHARACTERISTICS AT $T_a = 25^\circ\text{C}$

PART NUMBER COMMON CATHODE	PART NUMBER COMMON ANODE	LED CHIP MATERIAL	LED CHIP EMITT. COLOR	SURFACE COLOR	SEGM. OR DOT COLOR	PEAK WAVE LENG. (nm)	FORWARD VOLTAGE $V_f$ 20mA (V) TIP. MAX.	LUMIN. INTENS. 10 mA (mcd) TYP.
OPD 403HR2MCGW	OPD 403HR2MAGW	GaAsP GaP	HI RED	GRAY	WHITE	660	1.8 2.3	3.5
OPD 403SR3MCGW	OPD 403SR3MAGW	GaAlAs GaAs	SUPER RED	GRAY	WHITE	660	1.8 2.3	6.0
OPD 403G1MCGW	OPD 403G1MAGW	GaP	GREEN	GRAY	WHITE	570	2.2 2.5	2.5

\*SPECIFICATIONS ARE SUBJECT TO CHANGE

\*THE PN s ABOVE MEANS STANDART VERSION, (SURFACE GRAY AND WHITE SEGMENT).

NOTE: ALL DIMENSIONS ARE IN mm, TOLERANCE IS +/-0.25mm, UNLESS OTHERWISE NOTED. THE SLOPE ANGLE OF ANY PIN MAY BE +/- 5.0 MAX.

### PACKAGE DIMENSIONS AND PIN FUNCTION

