

4.6(L)×1.35(W)×0.8(H)mm

- 赤、青、緑、3色を同一パッケージにした薄型側面発光チップLEDです。

- This side lighting and thin chip LED comprises the 3 colors of red, blue, and green in the same package.

●絶対最大定格/Absolute Maximum Rating

(Ta 25℃)

Series	Lighting color	P※1 (mW)	Pd (mW)	IF (mA)	IFP (mA)	VR (V)	Top (℃)	Tst (℃)
CL-422	TR1	125	78	30	100※2	4	-25~+80	-30~+85
	MG3		80	20				
	MB3		76	20				

※1 Pは同時点灯時の全許容損失を示します。

※1 P means total value of power dissipation when both colors are on.

※2 IFPの条件はduty 1/10、パルス巾0.1msecです。

※2 Condition for IFP is pulse of 1/10 duty and 0.1msec width.

●電氣的光学的特性/Electro-optical Characteristics

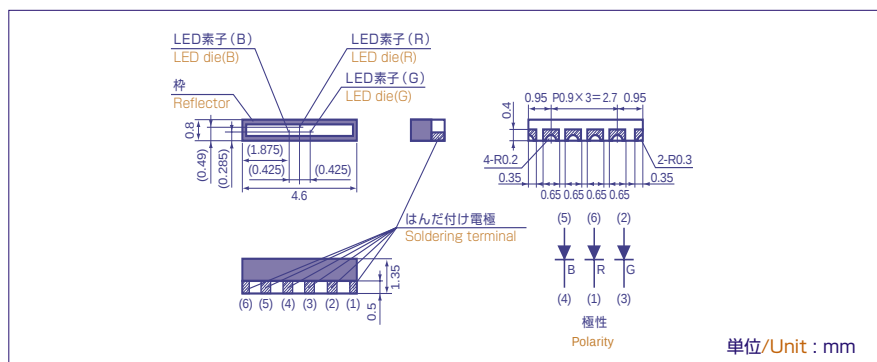
(Ta 25℃)

Code for parts	Lighting color	VF			λp typ (nm)	IV※		
		IF (mA)	typ (V)	max (V)		IF (mA)	min (mcd)	typ (mcd)
CL-422G	TR1	20	2.0	2.6	618	20	70	110
	MG3	20	3.3	4.0	530	20	135	360
	MB3	20	3.3	3.8	470	20	50	135

※NIST規格に準拠

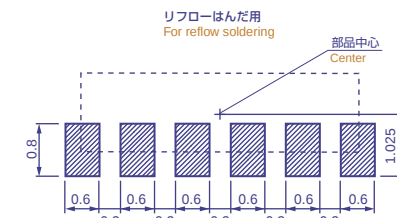
※Per NIST standards

●外形寸法図/Outline drawing



推奨はんだ付けパターン

The following soldering patterns are recommended for reflow soldering:



■ 諸特性/Characteristics

