

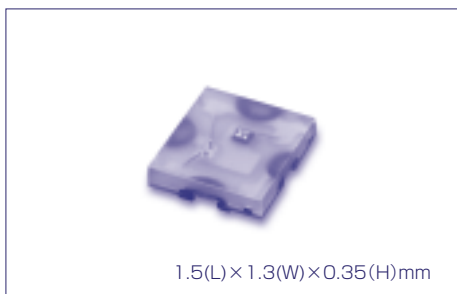


**THE DATASHEET OF
CL-503T-SD-T**



CL-503 Series

Multi-Color Upward-Lighting Type **CL-503 Series**



● 同一パッケージで赤、青、緑の3色に発光する小型・薄型チップLEDです。

● Compact and thin chip LED lighting in three colors of red, blue and green in one package.

●絶対最大定格 Absolute Maximum Rating (Ta 25°C)

Series	Color variation	P ^{*1} (mW)	Pd (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	Top (°C)	Tst (°C)
CL-503	Red	125	78	30	100 ^{*2}	5	-25~+80	-30~+85
	Green		76	20				
	Blue		72	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 I_{FP}の条件はduty 1/10、パルス巾0.1msecです。

※2 Conditions for I_{FP} are pulse of 1/10 duty and 0.1msec width.

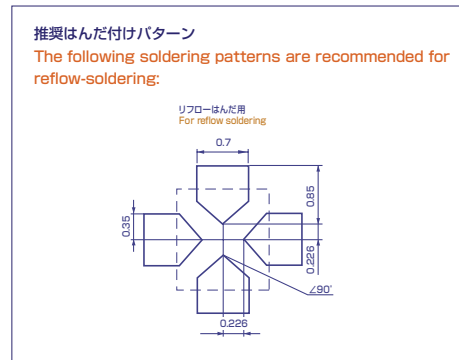
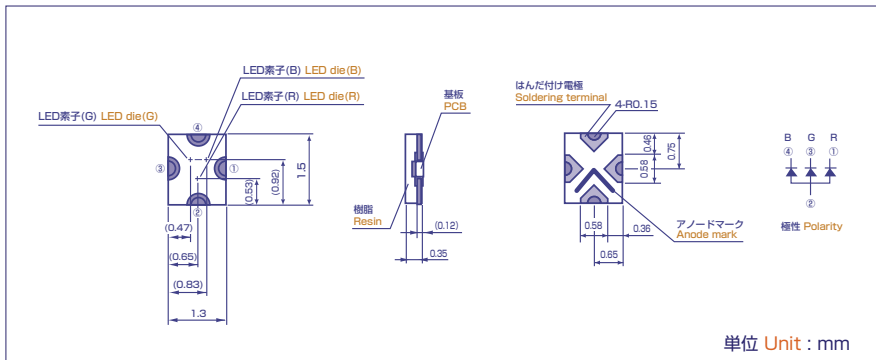
●電氣的光学的特性 Electro-optical Characteristics (Ta 25°C)

Product code	Color variation	V _F			λ _p typ (nm)	I _V [*]		
		I _F (mA)	typ (V)	max (V)		I _F (mA)	min (mcd)	typ (mcd)
CL-503	Red	5	1.85	2.4	618	5	18	36
	Green	5	2.7	3.1	530	5	60	180
	Blue	5	2.75	3.1	470	5	12	40

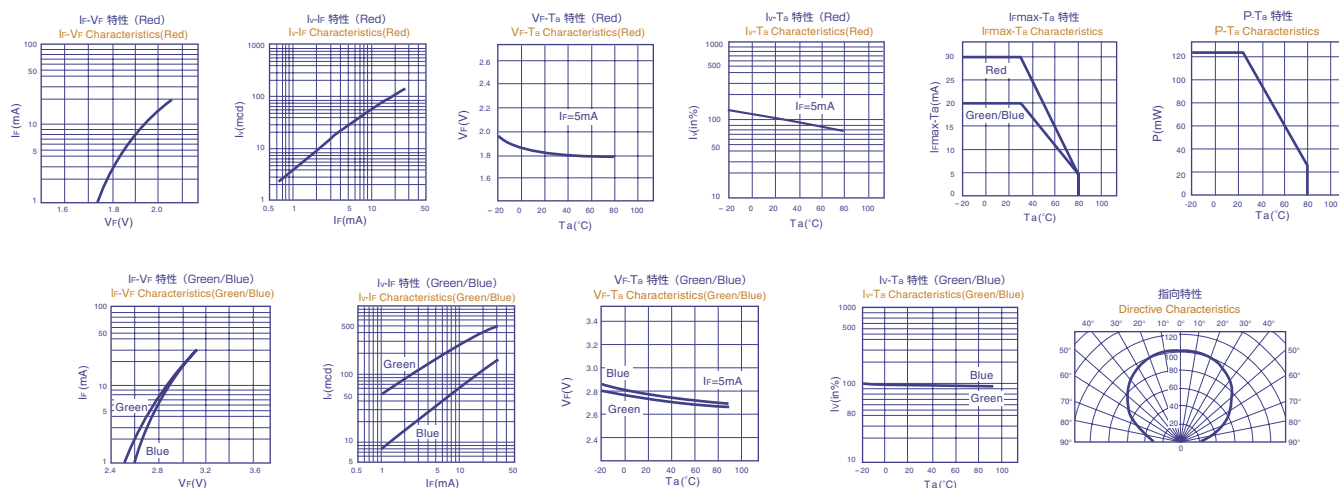
※NIST規格に準拠

※Per NIST standards

●外形寸法図 Outline drawing





■ 諸特性 Characteristics



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