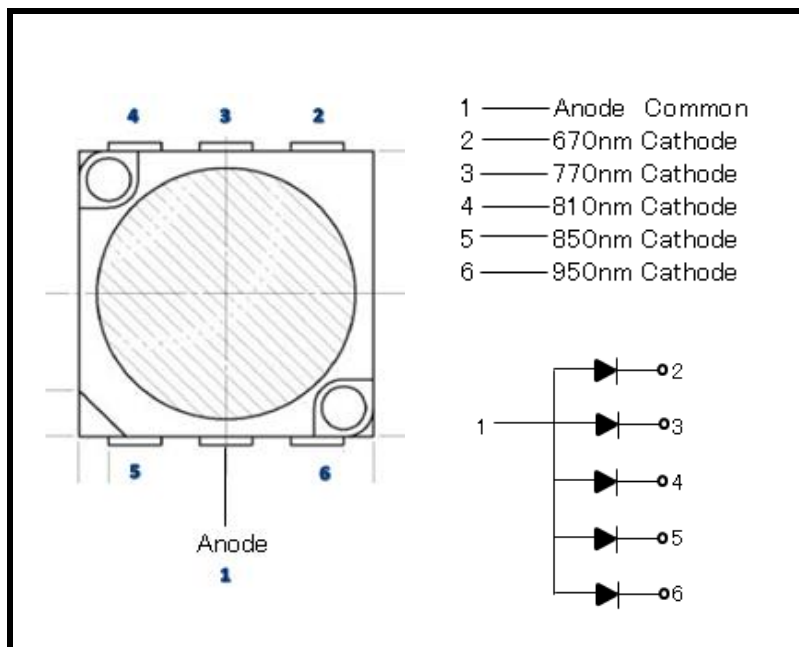
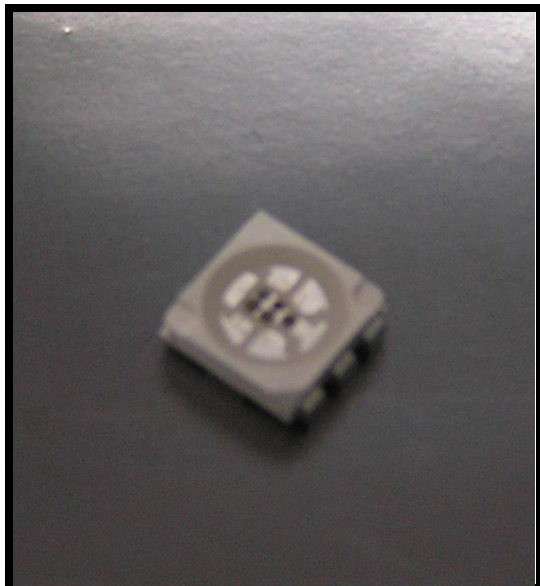


MTMD6788594SMT6



◆ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	Maximum Rated Value					UNIT
		670	770	810	850	950	
Forward Current (DC)	IF	50	50	80	80	80	mA
Forward Current (Pulse)*1	IFP	0.3	0.5	0.5	0.5	0.5	A
Reverse Voltage	VR	5					V
Power Dissipation	PD	120	160	190	180	160	mW
Operating Temp.	Topr	-20 TO 80					°C
Storage Temp.	Tstg	-30 TO 100					°C

*1: Tw=10uS, T=10mS

◆ ELECTRICAL & OPTICAL CHARACTERISTICS (Ta=25°C)

ITEM	SYMBOL	Wavelength	Condition	MIN	TYP	MAX	UNIT
Forward Voltage	VF	670	IF=20mA		1.8	2.2	V
		770		1.65	1.9		
		810		1.5	2.1		
		850		1.45	1.9		
		950		1.25	1.9		
Reverse Current	IR		VR=5V			100	µA
Power Output	PO	670	IF=20mA		7		mW
		770		8.5			
		810		8			
		850		7			
		950		12			
Peak Wavelength	λp	670	IF=20mA		670		nm
		770		770			
		810		810			
		850		850			
		950		950			
Spectral Line Half Width	Δλ	670	IF=20mA		25		nm
		770		25			
		810		30			
		850		35			
		950		45			