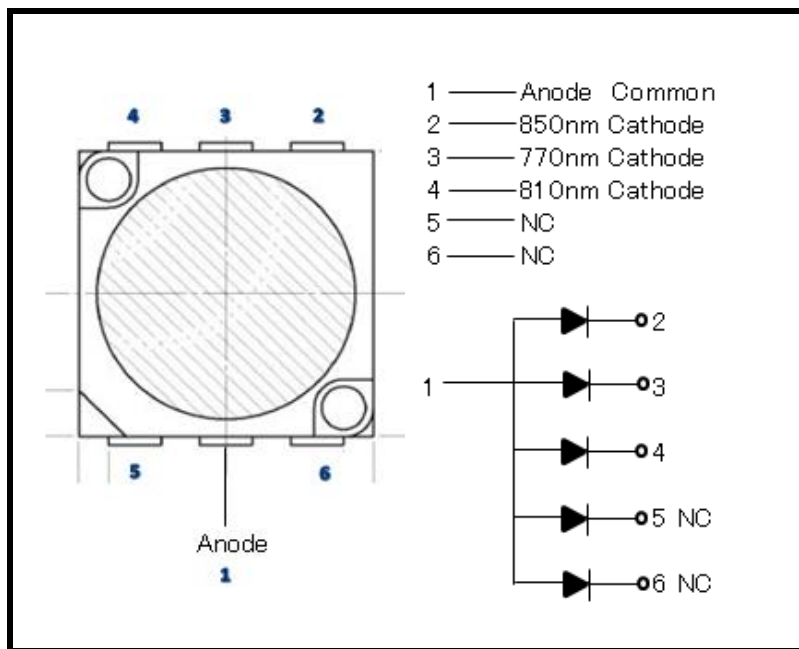
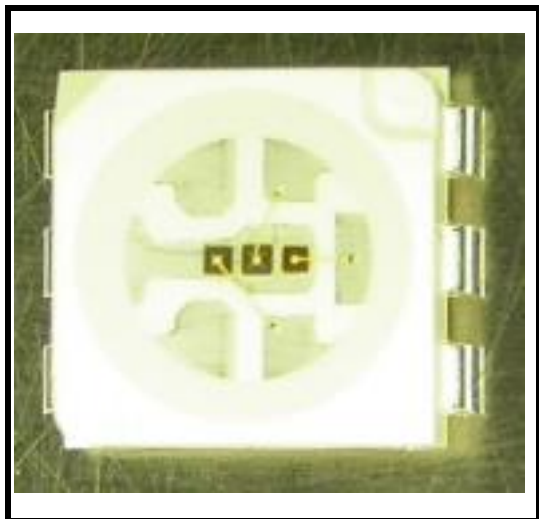


# MTMD7885SMT6



◆ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	Maximum Rated Value			UNIT
		770	810	850	
Forward Current (DC)	IF	50	80	80	mA
Forward Current (Pulse)*1	IFP	0.5	0.5	0.5	A
Reverse Voltage	VR	5			V
Power Dissipation	PD	160	190	180	mW
Operating Temp.	Topr	-20 TO 85			°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	770	IF=20mA		1.65	1.9	V
		810		1.5	2.1		
		850		1.45	1.9		
Reverse Current	IR		VR=5V			100	μA
Power Output	PO	770	IF=20mA		8.5		mW
		810		8			
		850		7			
Peak Wavelength	λp	770	IF=20mA		770		nm
		810		810			
		850		850			
Spectral Line Half Width	Δλ	770	IF=20mA		25		nm
		810		30			
		850		35			