



▼ CHARACTERISTICS BY COLOR (EACH CHIP) / Ratings and specifications are for each segment.

Ta=25°C

Type No.	Emitted Color	Absolute Maximum Rating					Electro-Optical Characteristics							
		Power Dissipation Pd	Forward Current IF	Peak Forward Current IFM	Operating Temp. Topr	Storage Temp. Tstg	Forward Voltage V _f		Reverse Current I _r		Wavelength λ _p		Derating I _F M	
							TYP.	MAX.	IF	MAX.	V _R	TYP.		I _f
MD3716M-R	Red	22	—	70	-20~+70	-30~+80	1.7	2.0	20	20	6.5	660	20	0.5
MD3716M-A	Orange	22	—	70	-20~+70	-30~+80	2.2	2.5	20	20	6.5	605	20	0.5
MD3716M-G	Green	22	—	70	-20~+70	-30~+80	2.1	2.5	20	20	6.5	570	20	0.5
MD3716M-RG	Red	※ ₂ 22	—	※ ₂ 70	-20~+70	-30~+80	1.7	2.0	20	20	6.5	660	20	0.5
	Green	※ ₂ 22	—	※ ₂ 70	-20~+70	-30~+80	2.0	2.4	20	20	6.5	570	20	0.5
MD3716L-R	Red	60	30	100	-20~+70	-30~+80	1.7	2.0	20	20	4	660	20	0.5
MD3716L-A	Orange	75	30	100	-20~+70	-30~+80	2.2	2.5	20	20	4	605	20	0.5
MD3716L-G	Green	75	30	100	-20~+70	-30~+80	2.1	2.5	20	20	4	570	20	0.5
MD3716L-RG	Red	※ ₂ 75	※ ₂ 30	※ ₂ 100	-20~+70	-30~+80	2.0	2.5	20	20	4	630	20	0.5
	Green	※ ₂ 75	※ ₂ 30	※ ₂ 100	-20~+70	-30~+80	2.1	2.5	20	20	4	570	20	0.5
Units		mW	mA	mA	°C	°C	V	V	mA	μA	V	nm	mA	mA/°C

- ※₁ I_FM condition: tw ≤ 1 msec. and duty ≤ 1/16 where the lighting ratio is 50% max.
- ※₂ Items marked 2 are for single-color drive. For two driven colors, total values shall be within specified ratings.

▼ CHARACTERISTICS BY SHAPE

Ta=25°C

(W×H)	Shape	Color	Type No.	Emitted Color	Dot Size	Dot Pitch	Dot Format	Electro-Optical Characteristics			
								Luminous Intensity I _v /dot	I _F	fig.	
											MIN.
□96		Single Color	MD3716M-R	Red	φ5	6.0	16X16	3	20	15	
			MD3716M-A	Orange				2	20		
			MD3716M-G	Green				2	20		
		Bicolor	MD3716M-RG	Red				3	20		
				Green				2	20		
								3	20		
		Single Color	MD3716L-R	Red	φ5	6.0	16X16	3	20	17	
			MD3716L-A	Orange				3	20		
			MD3716L-G	Green				3	20		
		Bicolor	MD3716L-RG	Red				1.5	20		
				Green				2	20		
								2	20		
mm		Units		mm		dot		mcd		mA	

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▼ MD DIMENSIONS Unit:mm

