

MULTICOLOR LEDs



Ta=25°C

パッケージ Package	品名 Part name	電気的光学的特性/Electro-optical characteristics										絶対最大定格/Absolute maximum ratings					標準梱包 数量 Standard qty./Reel	WEB					
		発光色 Emitted color	色度座標 Chromaticity coordinates ^{*1}		ドミナント発光波長 Dominant wavelength λ_d Typ.	発光光度 Luminous intensity I_v		順電圧 Forward voltage V_F		指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	指向特性 Spatial distribution	選別電流 Sorting current I_F	順電流 Forward current I_F	順電流低減率 Forward current decrease rate ΔI_F		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg				
			Typ.	Typ.		Min.	Typ.	Typ.	Max.					mA/°C	°C					°C	°C		
単位 (Units)		x	y	nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.						
 L1.6 x W1.5 x H0.7 3mg	FRYPY1211C-0005		-	-	570	6.3	12	1.95	2.4	115 / 140	 x-direction y-direction	5	15	0.21	25	-40~+85	-40~+100	4,000					
			-	-	626	14	30	1.85	2.4														
 L3.0 x W2.5 x H1.50 13mg	DRD1204W		-	-	572	70	130	2.0	2.4	θ_x 60	 red green	20	30	0.43	25	-40~+85	-40~+100	2,500					
			-	-	626	100	184	2.0	2.4											θ_x 70			
 L2.04 x W2.04 x H0.6 3.4mg	ARGB1313HS		-	-	473	-	180	3.1	3.8	125 / 145	 x-direction y-direction	12	30	0.750	60	-40~+85	-40~+100	4,000					
			-	-	527	-	850	3.2	3.8											22	30	0.750	60
			-	-	622	-	450	2.1	2.8											26	30	0.750	60
			0.300	0.320	-	-	1,350	-	-											Blue : 12 Green : 22 Red : 26	Blue : 20 Green : 25 Red : 30	-	-

※製品画像は代表的なものです/All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.
 ※1 CIE1931に基づく/In accordance with CIE1931
 ※2 2色または3色点灯時/When two or three LEDs with different colors are illuminated

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			色度座標 Chromaticity coordinates ^{*1}		ドミナント発光波長 Dominant wavelength λ_d Typ.	発光光度 Luminous intensity I_v		順電圧 Forward voltage V_F		指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	指向特性 Spatial distribution	選別電流 Sorting current I_F	順電流 Forward current I_F	順電流低減率 Forward current decrease rate ΔI_F			動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg	
			Typ.	Typ.		Min.	Typ.	Typ.	Max.					mA/°C					°C
単位 (Units)			x	y	nm	mcd		V		deg.	mA	mA	mA/°C	°C	°C	°C	pcs.		
L3.0 x W2.8 x H0.6 10mg	CRGB1314ASE		-	-	469	-	300	3.1	3.7	120 / 120		14	30	0.750	60	-40~+85	-40~+100	4,000	
			-	-	532	-	2,080	3.2	3.9			23	30	0.750	60				
			-	-	622	-	820	2.1	2.8			22	30	0.750	60				
			0.300	0.320	-	-	3,100	-	-		-	Blue : 14 Green : 23 Red : 22	Blue : 15 Green : 25 Red : 30	-	-				
L3.0 x W2.8 x H0.6 10mg	CRGB1314ASE-500		-	-	469	100	300	3.1	3.7	120 / 120		14	25	0.65	80	-40~+100	-40~+120	4,000	
			-	-	532	1,500	2,080	3.2	3.9			23	25	0.65	80				
			-	-	622	560	820	2.1	2.8			22	30	0.75	80				
			0.300	0.320	-	2,060	3,100	-	-		-	Blue : 14 Green : 23 Red : 22	Blue : 20 Green : 25 Red : 30	-	-				
L1.15 x W4.5 x H1.35 11.5mg	CRGB1318FSE		-	-	470	-	260	3.0	3.7	120 / 120		14	30	0.750	60	-40~+85	-40~+100	2,500	
			-	-	529	-	1,750	3.1	3.8			20	30	0.750	60				
			-	-	622	-	750	2.2	2.9			24	30	0.750	60				
			0.300	0.320	-	-	2,600	-	-		-	Blue : 14 Green : 20 Red : 24	Blue : 15 Green : 25 Red : 30	-	-				

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