

LED Lamp Products

Explanation of Part Number:

H
B
5
d
-
4
3
6
A
R
-
C
/
F
3

①
②
③
④
⑤
⑥
⑦
⑧

① Title:

H: huey-jann co., ltd.

② Shape distinguish:

B: bell (round) type.
 C: cylindrical type.
 R: rectangular type.
 S: step type.
 T: triangular type.

③ IdentificationNo:

④ Lens appearance:

1:colored diffusion.
 2:colored clear.
 3:white diffusion.
 4:water clear

⑤ Lead frame type:

1: no reflector cup, stopper lead, 2.54mm pitch.
 2: no reflector cup, short lead, 2.29mm pitch.
 3: big reflector cup, long lead, 2.54mm pitch.
 4: small reflector cup, long lead, 2.54mm pitch.
 8: side look use, 2.54mm pitch.
 9: small reflector cup, 3 lead, 2.54mm pitch.
 0: big reflector cup, 3 lead, 2.54mm pitch.

⑥ Dice kinds:

according to chip characteristic distinguish.
 see below table1.

⑦ View angle:

A, B, C... (C>B>A).

⑧ Forming type:

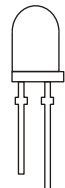

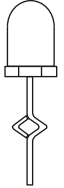
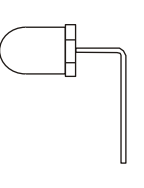


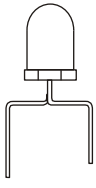
T	P	F1	F2	F3	F4	F5	F6
tapping see page54,55							

table 1.

Ta=25°C

Type	Material	Absolute Maximum Rating				Electro-Optical Characteristics									
		P _D	I _F	I _{FM}	V _R	wavelength			forward voltage			reverse current			
						λ _p	λ _d	Δλ	I _F	typ	Max	I _F	Max	V _R	
2	GaP/GaP	90	20	50	5	700	658	100	20	2.20	2.80	20	10	5	
3 ,DG,CG	GaP/GaP	84	25	50	5	570	567	30	20	2.15	2.80	20	10	5	
3BG	AllnGaP/GaAs	100	25	50	5	575	572	20	20	2.20	2.40	20	10	5	
3BGA	GalnN/SiC	135	30	100	5	502	505	30	20	3.50	4.00	20	10	5	
3AG	GalnN/GaN	120	30	100	5	523	525	45	20	3.50	4.00	20	10	5	
4	GaAsP/GaP	90	25	50	5	589	585	35	20	2.10	2.80	20	10	5	
4 CY,AY,FY	AllnGaP/GaAs	100	25	50	5	592	590	25	20	2.00	2.40	20	10	5	
5	GaAsP/GaP	90	30	50	5	625	618	45	20	2.05	2.80	20	10	5	
5 CO,AO,FO	AllnGaP/GaAs	100	25	50	5	620	615	20	20	2.00	2.60	20	10	5	
5AOR	AllnGaP/GaAs	100	25	50	5	635	626	25	20	2.00	2.50	20	10	5	
6 DR,CR	GaAlAs/GaAs	110	30	50	5	660	643	30	20	1.80	2.40	20	10	5	
6BR	AllnGaP/GaAs	100	25	50	5	655	638	25	20	2.10	2.60	20	10	5	
6 AR,ARA	GaAlAs/GaAlAs	110	25	50	5	660	645	20	20	1.86	2.50	20	10	5	
7	GaAsP/GaP	90	30	50	5	610	606	35	20	2.05	2.60	20	10	5	
7 CA,AA,FA	AllnGaP/GaAs	100	25	50	5	607	605	20	20	2.00	2.40	20	10	5	
8CB	GalnN/SiC	135	30	100	5	468	470	26	20	3.80	4.20	20	10	5	
8AB,BB	GalnN/GaN	120	30	100	5	465	470	35	20	3.50	4.00	20	60	4	
9CW	GalnN/SiC	135	30	100	5	---	---	---	---	3.80	4.20	20	10	5	
9AW,BW	GalnN/GaN	120	30	100	5	---	---	---	---	3.60	4.00	20	60	4	
unit		mW	mA	mA	V	nm	nm	nm	mA	V	V	mA	uA	V	

I_{FM} condition: 1/10 duty cycle, pulse width =0.1ms.