

■ MULTI-COLOR LED LAMPS

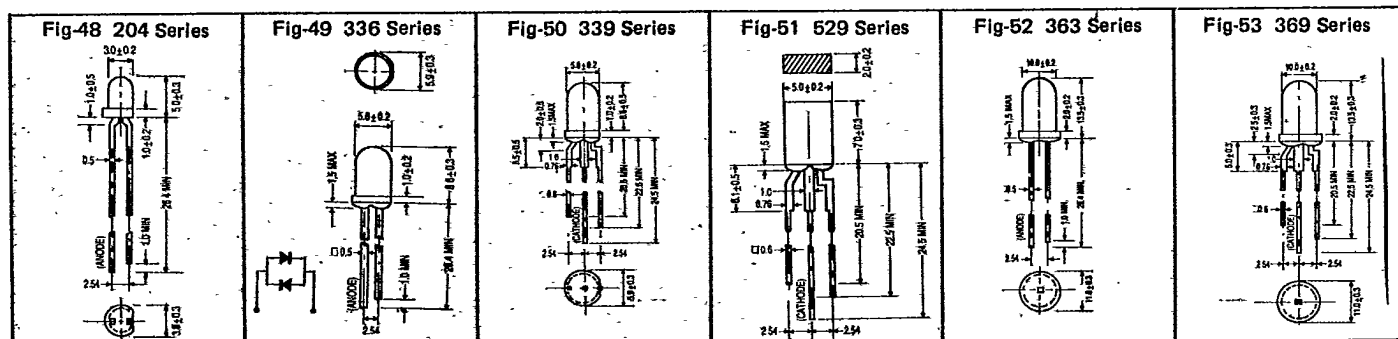
Lamp Size		Type No.	Chip		Lens Color	Peak Wave Length λ_p (nm)	Absolute Maximum Ratings				Viewing Angle 2 θ (deg)	Electro-Optical Characteristics							Pack- age Fig.	
			Material	Emitted Color			$\Delta\lambda$ (nm)	P_D (mW)	I_F (mA)	Peak I_F (mA)		V_F (V)			Rec. I_F (mA)		I_V (mcd)			
											Min.	Typ.	Max.		Min.	Typ.				
T-1 3.0mm Round 1.0" Lead Length		204HGW	GeP	Bright Red	White	697	90	45	15	50	54	1.7	2.1	2.8	5~10	0.5	1.6	10	48	
			GeP	Green		565	30	100	30	160	54	1.7	2.1	2.8	10~20	1.1	4.5	10		
		204EGW	GaAsP/GaP	Orange		Diffused	635	45	100	30	160	54	1.7	2.0	2.8	10~20	1.1	4.5		10
			GeP	Green			565	30	100	30	160	54	1.7	2.1	2.8	10~20	1.1	4.5		10
T-1 5.0mm Round 1.0" Lead Length		336HGW	GeP	Bright Red	White	697	90	45	15	50	54	1.7	2.1	2.8	5~10	0.4	1.1	10	49	
			GeP	Green		565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.5	2.5	10		
		336EGW	GaAsP/GaP	Orange		Diffused	635	45	100	30	160	54	1.7	2.0	2.8	10~20	0.5	2.5		10
			GeP	Green			565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.5	2.5		10
T-1 5.0mm Round 3/8" Lead		339HGW	GeP	Bright Red	White	697	90	45	15	50	54	1.7	2.1	2.8	5~10	0.4	1.1	10	50	
			GeP	Green		565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.5	2.5	10		
		339EGW	GaAsP/GaP	Orange		Diffused	635	45	100	30	160	54	1.7	2.0	2.8	10~20	0.5	2.5		10
			GeP	Green			565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.5	2.5		10
T-2 2.0mm x 5.0mm Flangeless 3/8" Lead		529HGW	GeP	Bright Red	White	697	90	45	15	50	54	1.7	2.1	2.8	5~10	0.8	1.2	10	51	
			GeP	Green		565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.8	1.0	10		
		529EGW	GaAsP/GaP	Orange		Diffused	635	45	100	30	160	54	1.7	2.0	2.8	10~20	0.8	1.2		10
			GeP	Green			565	30	100	30	160	54	1.7	2.1	2.8	10~20	0.8	1.0		10

■ DOUBLE CHIP LED LAMPS

Lamp Size		Type No.	Chip		Lens Color	Peak Wave Length λ_p (nm)	Absolute Maximum Ratings				Viewing Angle $2\theta_{1/2}$ (deg)	Electro-Optical Characteristics							Package Fig.
			Material	Emitted Color				P_D (mW)	I_F (mA)	Peak I_F (mA)		V_F (V)			Rec. I_F (mA)		I_V (mcd)		
10.0mm Round Type 2 lead		363H ² D	GaP	Bright Red	Color	697	90	45	15	50	36	1.7	2.1	2.8	5~10	1.8	3.8	10	52
		363I ² D	GaAsP/GaP	Hi-Eff. Red		635	45	100	30	160	36	1.7	2.0	2.8	10~20	4.5	15	10	
		363G ² D	GaP	Green		565	30	100	30	160	36	1.7	2.1	2.8	10~20	4.5	15	10	
		363Y ² D	GaAsP/GaP	Yellow		585	35	85	20	160	36	1.7	2.0	2.8	10~20	3.5	13	10	
		363A ² D	GaAsP/GaP	Yellow		600	35	85	20	160	36	1.7	2.0	2.8	10~20	3.5	13	10	
		363E ² D	GaAsP/GaP	Orange		635	45	100	30	160	36	1.7	2.0	2.8	10~20	4.5	15	10	
10.0mm Round Type 3 lead		369HHID	GaP	Bright Red	Color	697	90	45	15	50	36	1.7	2.1	2.8	5~10	1.0	2.0	10	53
		369I1ID	GaAsP/GaP	Hi-Eff. Red		635	45	100	30	160	36	1.7	2.0	2.8	10~20	2.5	9.0	10	
		369GGD	GaP	Green		565	30	100	30	160	36	1.7	2.1	2.8	10~20	2.5	9.0	10	
		369YYD	GaAsP/GaP	Yellow		585	35	85	20	160	36	1.7	2.0	2.8	10~20	2.0	7.0	10	
		369EED	GaAsP/GaP	Orange		635	45	100	30	160	36	1.7	2.0	2.8	10~20	2.5	9.0	10	
		369RRD	GaAsP	Red		655	40	110	40	200	36	1.5	1.7	2.0	10~20	0.3	1.1	10	

■ **PACKAGE DIMENSIONS:** multi-color/double chip lamps

NOTE: 1. All dimensions are in millimeters. 2. Lead spacing is measured where the leads emerge from the package. 3. Protruded resin under flange 1.5 mm (0.059") Max.



TEST CONDITIONS/ABSOLUTE MAX. RATINGS (same as page 6).