



741-01

1-91

LED ARRAYS

Lamp Size & Type	Array No.	Pitch (mm)	Max No. of Segments	LED Series	Figure
1.3 x 6.1 mm Rectangular	G20B	7.0	12	6352	28
1 x 4.8 mm Rectangular	G22B	6.0	12	6772	29
2 x 5 mm Rectangular	G24B	6.0	5	6152	30
1.8 x 5.3 mm Rectangular	G26B	6.8	10	6252	31
1.8 x 5.3 mm Rectangular	G28B	7.0	5	6252	32
2.4 x 7.1 mm Rectangular 10 Position	G30B	7.6	-	6451	33
2.5 x 5 mm Rectangular	G32B	6.0	10	6663	34
Twin 1.9 x 1.9 square	G34B	3.8	5 Pairs	7552	35
3 mm dia. Cylindrical	G36B	5.0	10	0152	36
1.8 x 5.3 mm Rectangular	G38B	7.0	12	6252	37
1 x 4.8 mm Rectangular	G42B	6.0	12	6772	38
5 x 5 mm Square	G52W	7.0	12	7151	39
T-1-3/4, 5 mm Round 7 Position	G57W	7.62	-	4251	40
T-1-3/4, 5 mm Round 8 Position	G58W	7.62	-	4251	41
T-3-1/4, 10 mm Round 8 Position	G81B	15.24	-	5251	42
2 x 5 mm Triangles & 2 mm Cylinder	G99B	-	-	8152 & 1152	43

INFRARED PRODUCTS

Description	Part No.	Characteristics @ If = 100 mA			2 Θ 1/2	Figure
		Po (mW) Typ.	Vf Max (V)	Wavelength		

Infrared Emitters

T-5/8, 1.7 mm Axial Lead IR emitter	IEFB0170	7	2	880	30.0	44
	IEGB0170	3.5	1.7	940	30.0	
2.7 mm dia. Axial Lead	IEFB0270	10	2	880	30.0	45
	IEGB0270	6	1.7	940	30.0	
2.0 mm dia. Side View	IEFB0212	7.5	2	880	30.0	46
	IEGB0212	4	1.7	940	30.0	
T-1, 3 mm Round	IEFB0241	35	2	880	30.0	47
	IEGB0241	10	1.7	940	30.0	
T-1-3/4, 5 mm Round	IEFB0431	35	2	880	26.0	48
	IEGB0431	10	1.7	940	26.0	
Same in TO-18 Package	IEGB0442	12.5	1.7	940	20.0	49

Description	Part No.	Oper. Parameters			2 Θ 1/2	Figure
		IL	Vce (Sat)	ID/Vce(nA)		

Phototransistors

(IL @ Vce=5 Volt, Ev=1000 Lux or Ee=20 mW/sq. cm. when marked w/*)

T-5/8, 1.7 mm Axial Lead	IPT0170	0.5-10 nA	0.4 V	100/10	25.0	44
2.7 mm dia. Axial Lead	IPT0270	0.9-18 nA	0.4 V	100/10	25.0	45
2.0 mm dia. Side View	IPT0212	0.8-15 nA	0.4 V	100/10	25.0	46
T-1, 3 mm Round	IPT2152	1.0-20 nA	0.4 V	100/10	20.0	47
T-1-3/4, 5 mm Round	IPT4153	1.0-20 nA	0.4 V	100/10	24.0	48
Same in TO-18 Package	IPT0442	1-15, Ev=200	0.4 V	200/10	15.0	49

Photodiodes

(IL is short circuit current @ Ev=1000 Lux or Ee=0.5 mW/sq. cm. when marked w/*)

T-5/8, 1.7 mm Axial Lead	IPD0170	18 uA	Vop = 0.4 V	100	25.0	44
2.7 mm dia. Axial Lead	IPD0270	14 uA	Vop = 0.4 V	100	25.0	45
2.0 mm dia. Side View	IPD0212	10 uA	Vop = 0.4 V	100	25.0	46
Black Resin Packages	IPD4308	2* uA	Vop = 0.4 V	30	60.0	50
Side View	IPD6308	2* uA	Vop = 0.4 V	30	60.0	51