



LED Numeric Digit Displays

See next page for pinout diagrams.

TCE Type	Color	Number of Digits	Decimal Point Location	Common Electrode	Total Power Dissipatn. P_T mW	Electro-Optical Characteristics Per Digit Segment					Outline No.
						Forward Current Maximum I_{FM} mA	Reverse Voltage Maximum V_{RM} V	Forward Voltage Drop V_{FM} V	Peak Emission Wavelength λ_P nm	Luminous Intensity I_V μ cd	
SK2052	Red	1	RH	A	480	30	6	2	660	.....	L-100R
SK2053	Orange	1	RH	A	600	30	6	2.5	630	.....	L-100R
SK2054	Green	1	RH	A	600	30	6	2.2	562	.....	L-100R
SK2055	Yellow	1	RH	A	600	25	6	3	585	.....	L-100R
SK2056	Red	1	RH	C	480	30	6	2	660	.....	L-100R
SK2058	Orange	1	RH	C	600	30	6	2.5	630	.....	L-100R
SK2059	Green	1	RH	C	600	30	6	2.2	562	.....	L-100R
SK2060	Yellow	1	RH	C	600	25	6	3	585	.....	L-100R
SK2061	Red	1	LH	A	480	30	6	2	660	.....	L-100L
SK2062	Orange	1	LH	A	600	30	6	2.5	630	.....	L-100L
SK2063	Green	1	LH	A	600	30	6	2.2	562	.....	L-100L
SK2064	Yellow	1	LH	A	600	25	6	3	585	.....	L-100L
SK2065	Red	1	NA	A	300	30	6	2	660	.....	L-101
SK2068	Red	1	RH	A	480	30	6	1.6	660	.....	L-100R
SK2069	Red	1	RH	C	480	30	6	1.6	660	.....	L-100R
SK2070	Orange	1	RH	A	600	30	6	2.2	630	.....	L-102
SK2071	Orange	1	RH	C	600	30	6	2.2	630	.....	L-102
SK2074	Red	2	RH	A	960	30	6	2	650	.....	L-103
SK2075	Red	2	RH	C	960	30	6	2	650	.....	L-103
SK2076	Red	1-1/2	RH	A	840	30	6	2	650	.....	L-104
SK2077	Red	1-1/2	RH	C	840	30	6	2	650	.....	L-104
SK2078	Red	1	RH	A	480	30	6	2	650	.....	L-105
SK2079	Red	1	RH	C	480	30	6	2	650	.....	L-105
SK4832	Red	1	RH	A	600	30	6	2.5	630	.....	L-117
SK10328	Red	1	NA	A	480	30/Seg	10/Seg	4/Seg	630-700	.....	L-123
SK10403	Red	1	1	A	.....	30/Seg	6/Seg	1.65	660	.....	L-124

Infrared Emitting Diodes (IREDs)

TCE Type	Material	Maximum Ratings			Electro-Optical Characteristics					Outline No.
		Total Power Dissipatn. P_T mW	Forward Current DC I_F mA	Reverse Voltage V_R V	Forward Voltage Drop V_F V	Peak Emission Wavelength λ_P nm	Viewing or Beam Angle Θ Degrees	Response Time t_r ns	Minimum Power Output P_O μ W	
SK2006A	GaAs	75	50	3	1.2	940	.....	.....	1500	L-008
SK4937	GaAs	170	100	3	1.4	940	.....	.....	.....	L-017
SK10177	GaAs	75	50	3	1.5 Max	940	.....	.....	1.8	L-118
SK10321	GaAs	150	100	5	1.25	940	.....	.....	.....	L-130
SK10322	GaAs	100	60	6	1.5	935-955	.....	.....	.....	L-127

Photodetectors/Sensors: Phototransistors

TCE Type	Polarity	Material	Maximum Ratings					Electro-Optical Characteristics						Out. No.
			Total Power Dissipatn.	Collector Current, Continuous	Breakdown Voltages			Maximum Dark Current	Test Condition: Col-to-Emit Voltage	Minimum Light Current	Peak Emission Wavelength	Response Time	Freq. Response	
					Collector-to-Base	Collector-to-Emitter	Emitter-to-Base							
P_T mW	I_C mA	BV_{CBO} V	BV_{CEO} V	BV_{EBO} V	I_D nA	V_{CE} V	I_L mA	λ_p nm	t_R μ S	f_f kHz				
SK2031	NPN	Si	250	....	..	30	5	100	10	..	....	2.0	....	T-002
SK2035A	NPN	Si	150	....	..	60 Min	..	100 Max	10	5.0	....	125 Typ	....	L-013
SK4928	NPN	Si	100	30	....	20	....	....	10	0.2	800 Typ	100 Typ	....	L-015
SK4936	NPN	Si	250	....	50	40	10	100	10	12	....	100 Max.	....	L-016
SK10324	..	..	100	....	....	....	....	50	....	35	940	5	....	L-128
SK10325	NPN	Si	150	50	50	40	5	200 Max	0.25	0.25	....	....	....	L-016
SK10326	NPN	Si	75	40	..	30	5	250	0.9	0.15	....	0.2mS	....	L-125
SK10518	NPN	Si	100	20	....	20	....	100	....	....	800	4.0	....	L-015