



### 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 $\lambda_p$ nm	Luminous Intensity $I_v$ $\mu$ 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 $\lambda_p$ nm	Viewing or Beam Angle $\Theta$ Degrees	Response Time $t_r$ ns	Minimum Power Output $P_o$ $\mu$ 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. $P_T$ mW	Collector Current, Continuous $I_C$ mA	Breakdown Voltages			Maximum Dark Current $I_D$ nA	Test Condition: Col-to-Emit Voltage $V_C E$ V	Minimum Light Current $I_L$ mA	Peak Emission Wavelength $\lambda_p$ nm	Re-sponse Time $t_R$ $\mu$ S	Freq. Re-sponse $f_T$ kHz	
					Collector-to-Base $BV_{CBO}$ V	Collector-to-Emitter $BV_{CEO}$ V	Emitter-to-Base $BV_{EBO}$ V							
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