

# Discrete LED Indicators

ECG Type	Description/Application	Viewed Color	Forward Voltage Vf (V)	Reverse Voltage Vr (V)	Max DC Forward Current If (mA)	Maximum Power Diss. Pd (mW)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	Qty Per Pkg	Fig. No.
ECG3000	Indicator Lights, Diagnostic and Panel Displays, Printed Circuit Board Indicators, Miniature Low Profile Package	Clear Red	1.65	5.0	40	80	80	1.4	4	P1
ECG3001		Flooded Red	1.65	5.0	40	80	80	1.0	4	P1
ECG3002		Clear Yellow	2.10	5.0	35	105	80	1.0	2	P1
ECG3003		Clear Green	2.20	5.0	35	105	80	1.0	2	P1
ECG3004	Diagnostic or Indicator Lights in Low-Power/Low Current Environments, MOS Compatible	Red	1.60	5.0	35	105	25	2.0	2	P2
ECG3007	General Purpose Indicators, Developmental Projects, Breadboards	Red	1.68	5.0	50	100	70	2.5	4	P3
ECG3008		Bright Red	2.00	5.0	35	105	90	5.0	2	P3
ECG3009		Orange	2.00	5.0	35	105	90	5.0	2	P3
ECG3010		Green	2.20	5.0	35	105	90	1.0	2	P3
ECG3011		Yellow	2.10	5.0	35	105	90	3.0	2	P3
ECG3012A	Panel Circuit Indicators, Low Drive Power, High Intensity Visible Emission	Diffused Red	2.20	4.0	25	70	30	3.5	4	P4A
ECG3013A		Clear Red Jewel	2.80	4.0	25	70	30	3.5	4	P5A
ECG3014A		Green	2.8	4.0	25	70	30	10	2	P4A
ECG3015A		Clear Green Jewel	2.10	4.0	25	70	30	12	2	P5A
ECG3016	Two Color Panel Circuit Indicator	Red or Green	2.10	4.0	25	75	90	.6	2	P6
ECG3018	Instruments, Printed Circuit Board Indicators, Boardmounted Panel Display	Soft Red	1.65	5.0	100	180	90	1.6	2*	P7
ECG3019		Soft Red	1.65	5.0	100	180	60	3.0	2*	P7
ECG3020	Computers, General Purpose Indicators, Instruments, Test Systems, Mini- and Micro-Processors, Process Controlled Industrial Systems, Sorting Machines, Assembly Equipment, Vending Machines, Telephone Equipment, Backlight Panels. High Intensity Indicators in Four Colors	Flooded Red	1.70	5.0	100	180	80	1.6	2*	P8
ECG3021		Yellow	2.10	5.0	35	105	65	6.0	2*	P8
ECG3022		Bright Red	2.00	5.0	35	105	65	6.0	2*	P8
ECG3023		Orange	2.00	5.0	35	105	65	6.0	2*	P8
ECG3024		Diffused Green	2.20	5.0	35	105	65	1.5	2*	P8
ECG3025	Instruments, Printed Circuit Board Indicators, Boardmounted Panel Display	Red	1.80	5.0	100	180	40	3.0	2*	P9
ECG3026	Polarity Indication Tri-State Indicator, Flow Direction Display, Instruments, Tester Displays, Educational Aids	Red or Green	1.65 - R 2.20 - G	--	70 - R 35 - G	200	50	.5 - G 1.5 - R	1*	P10
ECG3030	Flashing Red LED with Integral IC. Applications Include Status Indicators and Warning Lights, Pulse Rate=3 Hz Typ at 5 VDC	Flashing Red	Max V Applied 5.25	.4	20	--	40	1.2	1	P9A
ECG3130	Flashing Yellow LED with Integral IC. For Status Indicators and Warning Lights, Pulse Rate=2.5 Hz Typ at 5 V	Flashing Yellow	Max V Applied 5.25	.4	20	--	40	3	1	P9A
ECG3131	Flashing Green LED with Integral IC. For Status Indicators and Warning Lights, Pulse Rate=2.5 Hz Typ at 5 V	Flashing Green	Max V Applied 5.25	.4	20	--	40	2	1	P9A

\* Package includes 2 piece panel mounting grommets consisting of 1 lamp holder and 1 collar for each device.