



LG ELECTRONICS INC  
 MR SANG CHUL SUK, GENERAL MANAGER  
 379 KASOO-DONG  
 OSAN-SHI  
 KYONGGI-DO 447-150 KOREA

**RE: Project Number(s) - 99SC48927**

Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your project.

For information on placing an order for UL Listing Cards in a 3 x 5 inch format, please refer to the enclosed ordering information.

ZPMV2  
 Wiring, Printed - Component

October 20, 1999

LG ELECTRONICS INC  
 379 KASOO-DONG OSAN-SHI, KYONGGI-DO 447-150 KOREA

E71042

Type	Clad Cond Width		Thk Mils	SS/DS+	Max Area Diam In.	Sold Lts		Max Oper Temp	UL94 Flame Class	Meets UL796 Dir Sup	CTI
	Min In.	Min Edge In.				C	Secs				
<b>Single layer printed wiring boards.</b>											
2101 or P1	0.008	0.012	1.3	DS	1.38	260	5	125	94HB	ALL	—
2102 or P2	0.008	0.012	1.3	DS	1.38	260	5	105	94HB	ALL	—
2103 or P3	0.010	0.030	1.3	SS	1.18	260	5	105	94V-1	▲	—
2104 or P4	0.013	0.039	1.3	SS	1.18	260	5	105	94V-0	ALL	—
2105 or P5	0.013	0.039	1.3	DS	1.18	260	5	105	94V-0	ALL	—
2107 or P7	0.013	0.039	1.3	DS	1.18	260	5	105	94HB	ALL	—
2108 or P8	0.013	0.031	1.3	SS	1.18	260	5	105	94V-0	▲	—
2108-1	0.013	0.031	1.3	DS	1.18	260	5	75	94V-0	ALL	—
2110, P10	0.013	0.032	1.34	SS	1.18	260	10	105	94V-0	ALL	—
2110A, P10A	0.004	0.008	1.34	SS	1.38	260	10	130	94V-0	ALL	—
2110B, P10B	0.003	0.007	1.34	SS	1.38	260	10	130	94V-0	ALL	—
2112, P12	0.002	0.004	1.34	DS	1.38	260	10	105	94V-0	ALL	—
2112A, P12A	0.002	0.004	1.34	DS	1.38	260	10	105	94V-1	—	—
2112B, P12B	0.010	0.030	1.34	SS	1.18	260	5	105	94V-0	ALL	—
2113, P13	0.007	0.010	1.34	DS	1.38	260	10	90	94V-1	▲	—
2113A	0.005	0.005	1.34	SS	0.5	260	10	130	94V-0	ALL	—
2113B	0.005	0.005	1.34	DS	0.5	260	10	130	94V-0	ALL	—
2301, E1	0.003	0.004	0.67	DS	1.38	300	120	130	94HB	—	—
2302, E2	0.003	0.004	1.34	DS	4.0	260	20	130	94V-0	▲	—
2304, E4	0.002	0.002	1.34	DS	1.38	260	20	130	94V-0	ALL	—
2304B, E4B	0.002	0.002	0.67	DS	1.38	260	20	130	94V-0	▲	—
2305, E5	0.002	0.002	0.67	DS	1.38	260	20	120	94V-0	ALL	—
2306, E6	0.002	0.002	0.67	DS	1.38	260	20	130	94V-0	ALL	—
2307, E7	0.004	0.008	1.34	DS	1.38	288	10	105	94V-0	—	—
2309, E9	0.003	0.004	0.67	DS	1.38	260	20	120	94V-0	All	—
SM-1	0.004	0.012	1.34	SS	1.38	260	20	120	94V-0	▲	—
2304A or E4A	0.005	0.009	1.34	SS	1.38	260	20	105	94V-0	▲	—
SM-2	0.004	0.012	1.34	SS	1.38	260	20	110	94V-0	—	—
98	0.005	0.007	1.34	DS	1.38	274	3	105	94V-0	All	—
<b>Multilayer (Mass Laminated) printed wiring boards.</b>											
M98	0.005	0.007	1.34	DS	1.38	274	3	105	94V-0	All	—
M99	0.006	0.009	0.67	DS	1.38	260	10	105	94V-0	▲	—
M99A	0.006	0.009	0.67	DS	1.38	260	10	105	94V-0	All	—
<b>Multilayer printed wiring boards.</b>											
M01	0.004	0.006	0.67	DS	1.38	260	10	105	94V-0	All	—
M02	0.003	0.003	0.42	DS	1.38	260	20	120	94V-0	All	—
MP01	0.005	0.005	0.67	DS	1.38	280	20	130	94V-0	—	—
M03	0.004	0.012	0.67	DS	0.5	260	20	120	94V-0	—	—
M04	0.003	0.004	0.67	DS	1.38	260	20	130	94V-0	—	—
M01S	0.004	0.012	1.34	DS	1.38	260	10	105	94V-0	All	—
<b>Flexible printed wiring boards.</b>											
F01	0.005	0.008	0.67	DS	1.38	260	10	105	94V-0	—	—
F02	0.005	0.009	1.34	DS	1.38	260	10	105	94VTM-0	—	—
<b>Single layer printed wiring boards, for use in Low Voltage Limited Energy (LVLE) circuitry.</b>											
2108S	0.013	0.031	1.3	SS	1.18	260	5	105	94V-0	▲/&	—
2108-1S	0.013	0.031	1.3	DS	1.18	260	5	75	94V-0	All/&	—
2112S	0.002	0.004	1.34	DS	1.38	260	10	105	94V-0	All/&	—
2113S	0.005	0.005	1.34	SS	0.5	260	10	130	94V-0	All/&	—
2113AS	0.005	0.005	1.34	DS	0.5	260	10	130	94V-0	All/&	—
2112AS	0.002	0.004	1.34	DS	1.38	260	10	105	94V-1	—/&	—
2302S	0.003	0.004	1.34	DS	4.0	260	20	130	94V-0	▲/&	—
2304S	0.002	0.002	1.34	DS	1.38	260	20	130	94V-0	All/&	—
2308, E8	0.002	0.002	0.67	DS	1.38	260	20	130	94V-0	All/&	—
<b>Multilayer printed wiring boards employing multilayer build-up material.</b>											
M05	0.003	0.005	0.47	DS	1.38	260	20	105	94V-0	ALL	—

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& - Crossover conductor construction has not been evaluated for UL 796 Direct Support Requirements.  
 + SS - Single sided, DS - Double or single sided.  
 Marking: Company name or tradename "GSEP" and type designation.

**See General Information Preceding These Recognitions**

A (black triangle) Symbol is marked on those products within a given type designation that comply with direct support of current-carrying parts performance level requirements of UL 796. "All" is used to indicate that all base materials under that type designation comply with direct support of current-carrying parts performance level requirements of UL 796.

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.