Lnr: D783
CONTAINS MAIN-PCB; CONNECTION PCB; DC-LINK CHOKE; EMC-FILTER; 3 x HALL-IC / P = 2.86 kW

Total Results Mean:	**Failure Rate fit**	**MTBF h**	**MTBF a**
EN/IEC 61709 (SN 29500)	**4 212**	**237 437**	**27,1**

Missing component or operating data leads to the following result range:

EN/IEC 61709 (SN 29500): Failure Rate: 4 176 - 4 248 fit MTBF: 26,9 - 27,3 a

The results are valid under following conditions:

SNA: Nonmobile operation ground benign
Tu: 40°C mean component ambient temperature
Zf: Continuous operation 8760 h per year

Individual application data considered for 356 out of 376 positions

1 fit equals one failure per 10^9 component hours

Mean failure rates of the component groups: EN/IEC 61709 (SN 29500)

Quantity	Component Group	fit	Percent.
308	Resistors	1 289	30,6 %
161	Capacitors	961	22,8 %
36	Other Components	608	14,4 %
2	Relays Switches	345	8,2 %
124	Diodes	283	6,7 %
29	Transistors	199	4,7 %
14	IC analogue	193	4,6 %
10	IC Standard	115	2,7 %
3	Micro-Processors and -Controllers	67	1,6 %
5	Connectors Sockets	65	1,5 %
	Electr. Connections	52	1,2 %
1	IC Memories	26	0,6 %
3	Semiconductors Power	8	0,2 %
696	Sum	4 212	100 %