Lnr: D671
CONTAINS MAIN-PCB; CONNECTION PCB; EMC-FILTER; 3 x HALL-IC / P = 3 kW

Total Results Mean:	**Failure Rate fit**	**MTBF h**	**MTBF a**
EN/IEC 61709 (SN 29500)	**2 678**	**373 407**	**42,6**

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

EN/IEC 61709 (SN 29500): Failure Rate: 2 631 - 2 725 fit MTBF: 41,9 - 43,4 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 258 out of 271 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.
191	Resistors	690	25,8 %
29	Other Components	613	22,9 %
129	Capacitors	442	16,5 %
2	Relays Switches	277	10,4 %
73	Diodes	145	5,4 %
11	IC analogue	134	5 %
6	IC Standard	111	4,1 %
17	Transistors	107	4 %
4	Connectors Sockets	67	2,5 %
3	Micro-Processors and -Controllers	38	1,4 %
	Electr. Connections	37	1,4 %
1	IC Memories	17	0,6 %
466	Sum	2 678	100 %