



As shown in the chart above, varistors are classified into diode varistors and ceramic varistors. Due to their excellent surge current absorptiveness, production of ceramic varistors is swelling to stand abreast of diode varistors in their volume on the market.

b) Market Trend

Statistics on Varistor Production

Year	Production (1,000 pcs.)	Value (million yen)
1980	319,254	4,073
1981	360,165	6,987
1982	313,964	6,788
1983	419,766	8,850
1984	535,876	13,523

As seen from the table, rapid growth continued since 1982 when the depressed audio market recovered. In addition, drastic increase in the demand for varistors to be built in micro-motors used for VTRs, OA equipment or TV sets has largely contributed toward the growth.

Further in 1984, with the strengthening of noise control requirements, varistors for ordinary equipment circuit began to sell for noise and surge prevention purposes.

About 55% of the varistors annually produced are the ring varistors to be built in micro motors as spark elimination device between governer contact and commutator brush for noise reduction purpose.