

Year	Production Volume (1,000 pcs.)	Value (million yen)
1980	123,666	4,942
1981	137,720	5,946
1982	124,328	6,289
1983	140,798	8,171
1984	167,042	9,701

Statistic by MITI

The reason for large growth in value compared with that of production volume is because of the extremely strong high-quality-oriented trend on the market. Manufacturers participating in the thermistor market put utmost emphasis on the quality improvement of chips along with the technology development for peripheral circuits.

In so far as the NTC thermistors are concerned, demand for high reliability glass mold type is gradually superseding the disc type, which has been the mainstream product for its low price. The glass mold type is mainly used to air-conditioner sensor or as meet sensor.

Recently, as custom-grade PTC/NTC thermistors have become welcomed to the market, changes in average unit price of thermistors accordingly have become difficult to obtain. However, based on MITI statistics, the situation should presumably be as follows:

Change in Average Unit Price of Thermistors by Type

Type		(piece/yen)			
		1982	1983	1984	1985
NTC	General	12	11	10	95
	High Reliability	600	528	405	294
PTC	General	55	55	55	55
	Custom	432	439	428	425
Average Unit Price		50.7	57.9	58.1	57.8

What must be noted is the price down of high-reliability NTC glass mold type. Some others show slight price down, however, customgrade products make the price investigation complexed.