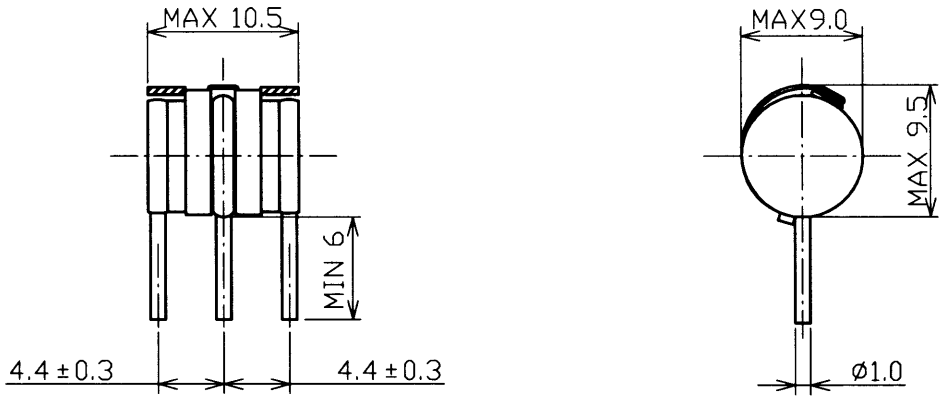
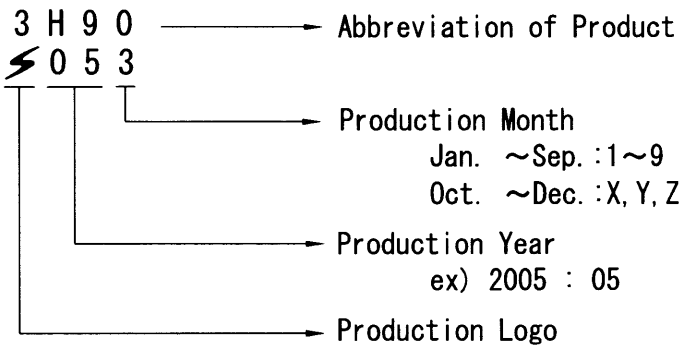
1. Construction and dimensions



※Surface of Lead Wire : Tin plating

2. Marking



3. Electrical Characteristics

1. DC Spark-over Voltage	100V/s	90V±20%
2. Impulse Spark-over Voltage	1kV/μs	≦500V
3. Insulation Resistance	50V DC	≧10,000MΩ
4. Capacitance	1MHz	≦3.0pF
5. DC Holdover Voltage	*DC52V ITU-T K.12	≦150ms
6. Impulse Life	10/1000μs, 100A×2	300times
7. Impulse Discharge Current	8/20μs 5kA×2	+5、-5times
8. AC Discharge Current	50Hz 1sec, 5A×2	10times
9. Fail-safe Operation	AC 5A×2	≦10sec

After Test of Item 6 and 7 and 8

1) DC Spark-over Voltage	100V/s	65~120V
2) Impulse Spark-over Voltage	1kV/μs	≦600V
3) Insulation Resistance	50V DC	≧100MΩ

*Test circuit shall comply with ITU-T K.12/Fig.5 and added R4, C2.

DSN	S.E.D	Mar. 26. '05	UNIT	mm		TITLE CERAMIC ARRESTER 3H-90J1F5
DWG	M. Omata	Mar. 26 '05	SCALE	2/1		DWG No. T-041740C01 REV
CHK	Y. Uwano	Mar. 26. '05	SANKOSHA			