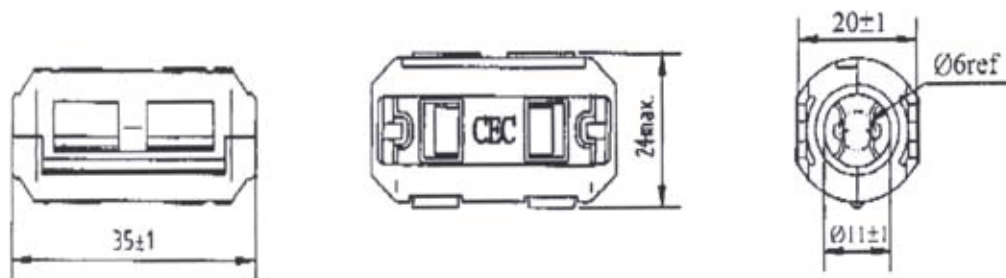


SPECIFICATION

LEAD FREE

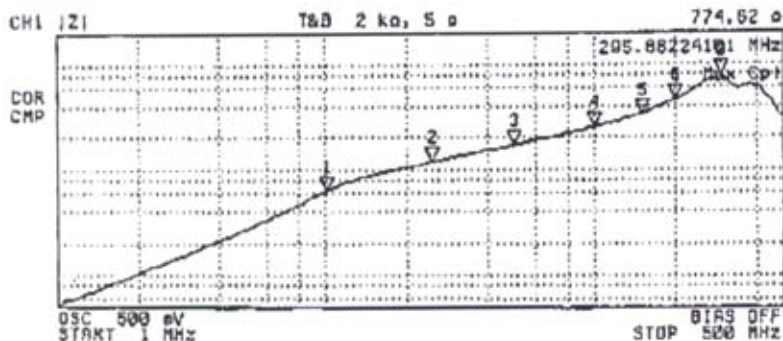
1. DIMENSIONS (UNIT : mm)



2. ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION	TESTING CONDITIONS	MEASUREMENT INSTRUMENT
APPLICABLE CABLE	—————	$\phi 6.0\text{mm} < D < \phi 10.5\text{mm}$ (REF.)	—————
IMPEDANCE	90 Ω Min. (at 25MHz) 195 Ω Min.(at 100MHz)	$\phi 0.80\text{mm}$ (2UEW); WIRE LENGTH: 220mm; TURNS: 1T	HP 4291B OR EQUIVALENT

3. IMPEDANCE-FREQUENCY CHARACTERISTICS (TYPICAL VALUE)



N	STIMULUS	VAL
0	295.88224101 MHz	774.62 Ω
1	10 MHz	60.854 Ω
2	25 MHz	115.52 Ω
3	50 MHz	165.55 Ω
4	100 MHz	246 Ω
5	150 MHz	329.4 Ω
6	200 MHz	444.94 Ω

SPECIFICATION

LEAD FREE

4. STORAGE TEMPERATURE: -40 ~ +85°C

5. OPERATION TEMPERATURE: -10~ +50°C

6. RELIABILITY TEST STANDARD

* STANDARD TESTING CONDITIONS:

UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE: 15°C TO 35°C. RELATIVE HUMIDITY : 25% TO 85%.

AIR PRESSURE : 86kPa TO 106kPa.

IF THERE IS ANY DOUBT ABOUT THE RESULTS, MEASUREMENT SHALL BE MADE WITHIN THE FOLLOWING LIMITS: AMBIENT TEMPERATURE: 20°C±1°C. RELATIVE HUMIDITY : 63% TO 67%. AIR PRESSURE : 86kPa TO 106kPa.

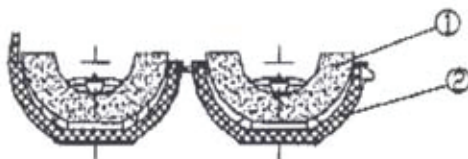
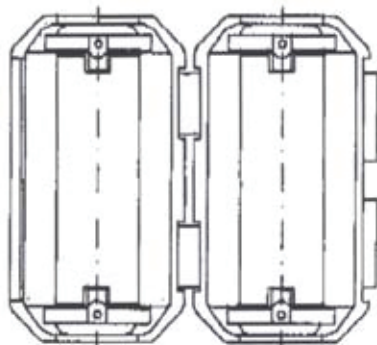
No.	ITEMS	CONDITIONS	SPECIFICATION										
1	OPEN-CLOSE TEST	OPEN,CLOSE 50 TIMES	NO ABNORMALITY										
2	FALLING TEST	TO FALL FROM THE HEIGHT OF 70cm TO A WOOD BOARD. 3 TIMES.	NO MECHANICAL BREAKAGE AND THE ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.										
3	VIBRATION TEST	AMPLITUDE: 1.5mm P-P FREQUENCY: 10~55~10Hz (1 MINUTE PER CYCLE) DURATION: 2 HOURS IN EACH OF X, Y, Z AXIS (TOTAL 6 HOURS)											
4	HUMIDITY TEST	TEMPERATURE: 40°C±2°C HUMIDITY: 90%~95%RH DURATION: 96±4 HOURS.											
5	HIGH TEMPERATURE STORAGE TEST	TEMPERATURE: 85°C±2°C DURATION: 96±4 HOURS.											
6	LOW TEMPERATURE STORAGE TEST	TEMPERATURE: -25°C±3°C DURATION: 96±4 HOURS.											
7	TEMPERATURE CYCLE	10 CONTINUOUS CYCLES SHOWN AS BELOW <table border="1"><thead><tr><th>TEMPERATURE</th><th>DURATION</th></tr></thead><tbody><tr><td>-25°C±3°C</td><td>1 HOUR</td></tr><tr><td>20°C±2°C</td><td>10 MINUTES</td></tr><tr><td>85°C±2°C</td><td>1 HOUR</td></tr><tr><td>20°C±2°C</td><td>10 MINUTES</td></tr></tbody></table>		TEMPERATURE	DURATION	-25°C±3°C	1 HOUR	20°C±2°C	10 MINUTES	85°C±2°C	1 HOUR	20°C±2°C	10 MINUTES
TEMPERATURE	DURATION												
-25°C±3°C	1 HOUR												
20°C±2°C	10 MINUTES												
85°C±2°C	1 HOUR												
20°C±2°C	10 MINUTES												

SPECIFICATION

LEAD FREE

7. CONSTRUCTION

- ① HALF-RING CORE
- ② CASE(C1828)
COLOR: BLACK



8. MATERIAL LIST

No.	PARTS	MATERIAL	MANUFACTURE	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
①	HALF-RING CORE	Ni-Zn FERRITE EA2G OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
②	CASE(C1828)	PA66-1300S (BLACK)	ASAHI CHEMICAL INDUSTRY CO., LTD.	JAPAN	E48285	94V-2

NA: NOT APPLICABLE