

SPECIFICATION

LEAD FREE

1. MATERIAL , WINDING

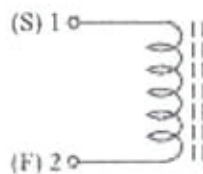
| | | | |
|-------|----------------------|------|------------------------------|
| CORE | EL6E (or equivalent) | WIRE | Ø0.50mm (TINNED COPPER WIRE) |
| TURNS | (1-2) 2½ T (Ref.) | | |

2. DIMENSIONS (UNIT : mm)



| | |
|---|-----------|
| A | 14.0 Max. |
| B | Ø 6.0±0.3 |
| C | 40.0±2.0 |

3. CIRCUIT



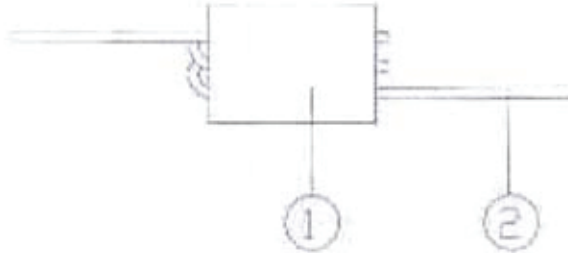
4. CHARACTERISTICS

| ITEM | SPEC. (1 - 2) | TESTING CONDITION | MEASUREMENT INSTRUMENT |
|-----------|-----------------|-------------------|------------------------|
| IMPEDANCE | 290.0Ω MIN. | 100MHz | HP-4291B |

5. RoHS COMPLIANCE REMARKS:

- LEAD WILL BE PRESENT IN THE FERRITE CORE OF THE FRIT MATRIX IN THE COMPONENT. THIS USE, IS EXEMPT FROM RoHS LEGISLATION PER THE ANNEX (ITEM 7), WHICH REFERS TO "LEAD IN ELECTRONIC CERAMIC PART".

6. CONSTRUCTION



7. MATERIAL LIST

| No. | PARTS | MATERIAL | MANUFACTURER | COUNTRY OF ORIGIN | UL No. | FLAME CLASS | TEMP. CLASS |
|-----|-------|----------------------------------|--|-------------------|--------|-------------|-------------|
| ① | CORE | FERRITE CORE EL6E OR EQUIVALENT | ZHONGSHAN TONICHI FERRITE PRODUCTS CO., LTD. | CHINA | NA | NA | NA |
| ② | WIRE | SOLDER COPPER WIRE OR EQUIVALENT | HOI LUEN ELECTRICAL MANUFACTURER CO., LTD. | CHINA | NA | NA | NA |

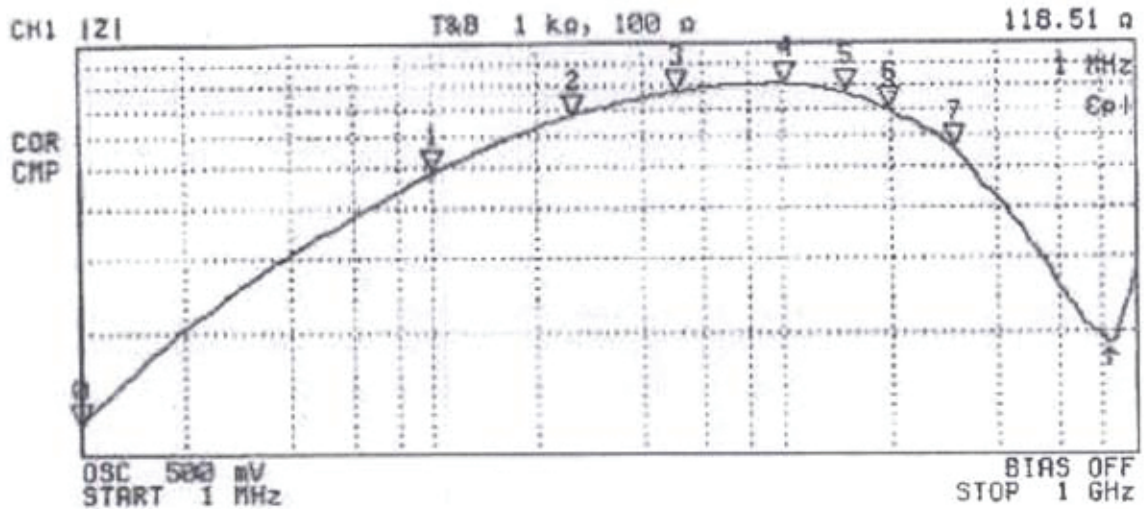
* NA: NOT APPLICABLE.

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IMPEDANCE Vs. FREQUENCY (TYPICAL VALUE)

MEASUREMENT INSTRUMENT: HP-4291B.



| N | STIMULUS | VAL |
|---|----------|-----------------|
| 0 | 1 MHz | 118.51 Ω |
| 1 | 10 MHz | 480.64 Ω |
| 2 | 25 MHz | 666.11 Ω |
| 3 | 50 MHz | 761.83 Ω |
| 4 | 100 MHz | 797.44 Ω |
| 5 | 150 MHz | 759.35 Ω |
| 6 | 200 MHz | 688.06 Ω |
| 7 | 300 MHz | 552.93 Ω |