

W+wire gauge+size+shape TYPE

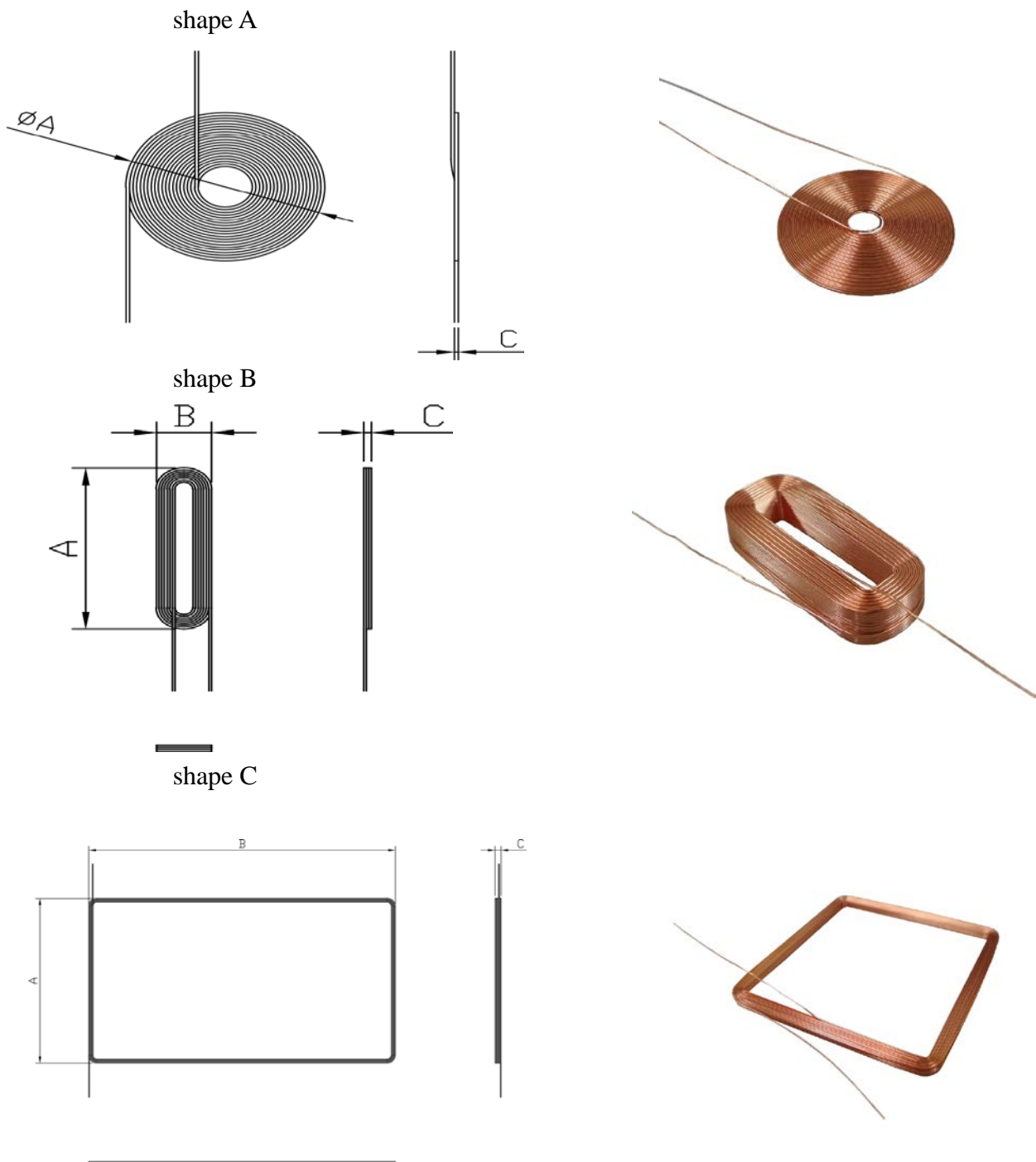
●FEATURE

- 1. High Q over a wide frequency range.
- 2. Very close tolerance
- 3. customized products

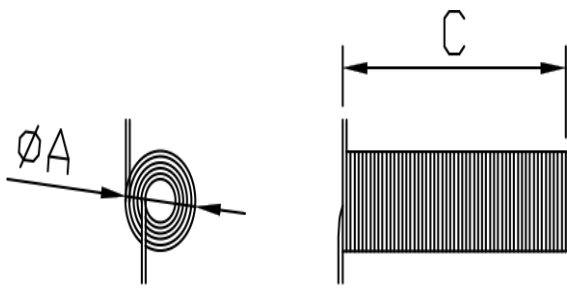
●Applications

- 1. wire charge, wireless system.

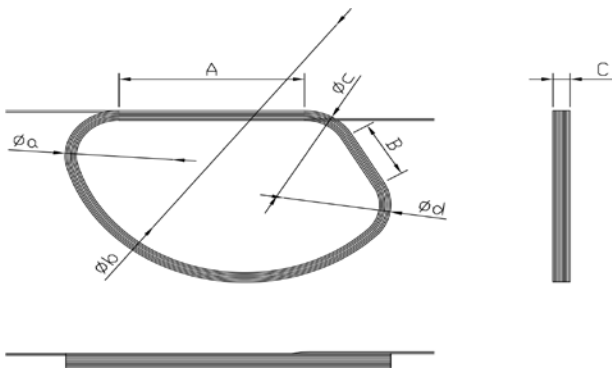
●Shape and Dimension



shape D



shape E



GENERAL CHARACTERISTICS

1. Operating temperature range: -40 TO + 105°C(Includes temperature when the coil is heated)
2. External appearance: On visual inspection, the coil has no external defects.
3. Insulating resistance: Over 100MΩ at 100V D.C. between coil and core.
4. Dielectric strength: No dielectric breakdown at 100V D.C. for 1 minute between coil and core.
5. Temperature characteristics: Inductance coefficient (0~2,000)x10-6/°C(-25~+80°C).
6. Humidity characteristics(Moisture Resistance): Inductance deviation within ±5%, after 96 hours in 90~95% relative humidity at 40 ±2°Cand 1 hour drying under normal condition.
7. Vibration resistance: Inductance deviation within ±5%, after vibration for 1 hour. In each of three orientations at sweep vibration (10~55~10 Hz) with 1.5mm P-P amplitudes.
8. Shock resistance: Inductance deviation within ±5%, after being dropped once with 981m/s2 (100G) shock attitude upon a rubber block method shock testing machine, in three different orientations.
9. Resistance to Soldering Heat: 260°C, 10 seconds(See attached recommend reflow)
10. Storage environment: Storage condition: Temperature Range: 10°C ~ 35°C (Generally: 21°C ~ 31°C) , Humidity Range: 50% ~ 80% RH (Generally: 65% ~ 75%) ; Transportation condition: Temperature Range: -35°C ~ 85°C , Humidity Range: 50% ~ 95% RH
11. Use components within 12 months. If 12 months or more have elapsed, check solder-ability before use.
12. Reflow profile recommend:

Lead-free heat endurance test

Lead-free the recommended reflow condition

