

|                                                                                                                                                                                                                      |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|                                                                                                                                                                                                                      | C |
| Please follow Pulse Limits for the hazardous substances (RoHS, halogens) in the document "Pulse Hazardous Substances (HS) Limits (RPGE004)" and "Vendor Survey Questionnaire, Material Composition (LOM-SAF-L0040)". |   |
|                                                                                                                                                                                                                      |   |

A 3D exploded view of the device components, labeled 1 through 6. The components are:

- 1: A top layer with a complex, multi-loop orange pattern.
- 2: A small green component, likely a sensor or actuator, located at one end of the orange pattern.
- 3: A small green component, likely a sensor or actuator, located at another end of the orange pattern.
- 4: A rectangular substrate with a grey base and two large, irregularly shaped pink regions.
- 5: A green rectangular component, likely a handle or support, located below the substrate.
- 6: A small green component, likely a sensor or actuator, located at one end of the orange pattern.

Labels 1, 2, 3, 4, 5, and 6 are positioned around the components, with arrows pointing to their respective parts. The text "Glue Silicone" is located at the bottom left, and "Handle" is located at the bottom right, both with arrows pointing to the green rectangular component (5).

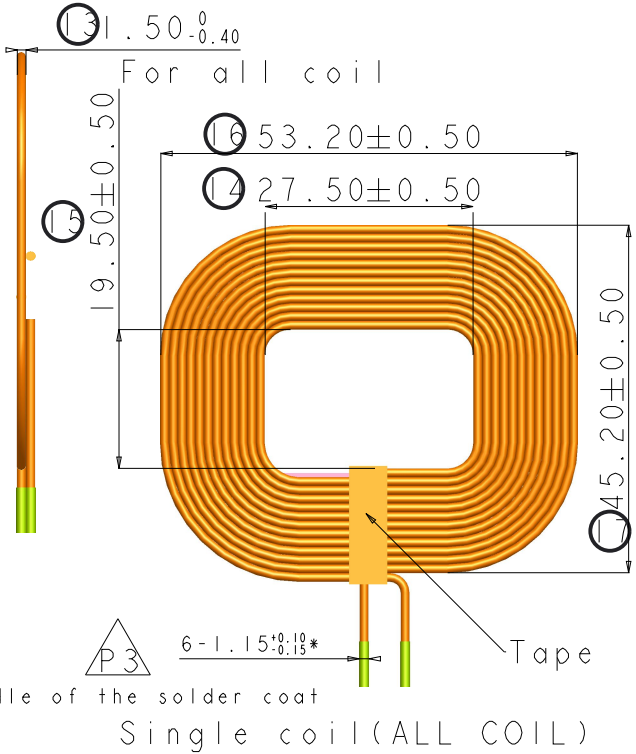


4.25\*MAX  
W/O release liner

1.20MAX  
(double adhesive + ferrite + pet film)

6-1.15<sup>+0.15</sup><sub>-0.15</sub>\*

Measure the end of the solder coat



|   |    |                |
|---|----|----------------|
| 0 | TO | $5 \pm 0.05$   |
| 5 | TO | $20 \pm 0.08$  |
| 5 | TO | $60 \pm 0.1$   |
| 5 | TO | $120 \pm 0.15$ |

| ITEM | Part name        | Specification                                                                                       | QTY  | Note |
|------|------------------|-----------------------------------------------------------------------------------------------------|------|------|
| 1    | COILA            | 105 STRANDS OF 0.08MM COPPER WIRE(40AWG); USTC LITZ WIRE<br>12TURNS.+ Tape:POLYIMIDE K5100+WIDE 5MM | 1    |      |
| 2    | COILB            | 105 STRANDS OF 0.08MM COPPER WIRE(40AWG); USTC LITZ WIRE<br>12TURNS.+Tape:POLYIMIDE K5100 WIDE 5MM  | 1    |      |
| 3    | COILC            | 105 STRANDS OF 0.08MM COPPER WIRE(40AWG); USTC LITZ WIRE<br>12TURNS.+Tape:POLYIMIDE K5100 WIDE 5MM  | 1    |      |
| 4    | FERRITE ASSEMBLY | PET FILM BLACK(FERRITE TOP SIDE) + MnZn ferrite<br>+double adhesive T=0.15mm 3M9448A                | 1    |      |
| 5    | Glue             | The Glue Silicone:AS-126T<br>the glue is for 3coils                                                 | 0.6G |      |
| 6    | Lead-free tin    | Sn99.3% Cu0.7%                                                                                      | 6    |      |

|                                                                                       |                   |                                |                                   |     |          |      |
|---------------------------------------------------------------------------------------|-------------------|--------------------------------|-----------------------------------|-----|----------|------|
|  | SHEET NUMBER      |                                | 1 / 2                             |     |          |      |
|                                                                                       | GENERAL TOLERANCE |                                |                                   |     |          |      |
|                                                                                       | CUSTOMER NUMBER   |                                |                                   |     |          |      |
| SCALE<br><br><b>1.000</b>                                                             | DESIGN            | Pan                            | 20240423                          |     |          |      |
|                                                                                       | CHECKED           | Mark                           | 20240423                          |     |          |      |
|                                                                                       | APPROVED          |                                |                                   | P3  | 20240423 | pan  |
| DOCUMENT NUMBER<br><br><b>J92-SZ2679N1</b>                                            |                   | PART VERSION<br><br><b>P01</b> | DOCUMENT VERSION<br><br><b>P3</b> | P2  | 20231220 | pan  |
|                                                                                       |                   |                                |                                   | P1  | 20230418 | pan  |
|                                                                                       |                   |                                |                                   | MOD | DATE     | NAME |

Functional Characteristics Key : (Cpk requirement : Cpk> )

|   |                                                                          |
|---|--------------------------------------------------------------------------|
| ◆ | Process Capability Studies required ( total pcs )                        |
| ◆ | Ongoing Statistical Process Control Required ( total pcs )               |
| * | Critical dimension need to be measured, no CPK requirement ( total pcs ) |