

SPECIFICATION

| | |
|---------------|---------------------------------|
| Manufacturer | Prometheus Trade UG |
| Address | Hauptstrasse 41, 53518 Leimbach |
| Product name: | MPA2-10uH |
| Model name: | MPA2-10uH |
| DATE: | 2023/06/06 |
| Version: | A.0 |

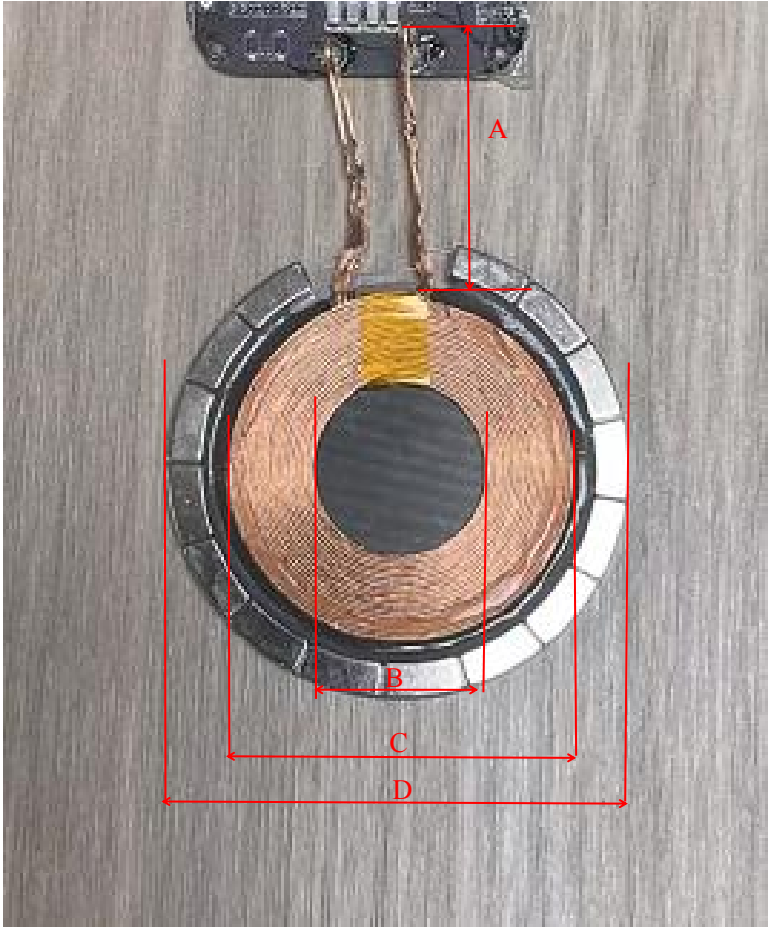
Version Change History

[illegible]

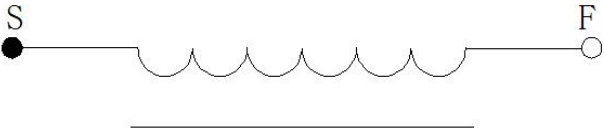
SPECIFICATION

| | | | |
|------|---------------------------------|------|-----|
| DESC | Φ 19.5x45-6.5uH-0.1x24PX2P-45mm | Rev: | A.0 |
|------|---------------------------------|------|-----|

一、 DIMENSION:(mm)



二、 SCHEMATIC DIAGRAM:



| | |
|---|---------|
| A | 33±0.25 |
| B | 20±1 |
| C | 30±0.5 |
| D | 6.2±0.3 |
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| Note: | |
| 1. Cross outgoing line; | |
| 2. Wrap 7mm (ref) wide high-temperature adhesive tape 1-2Ts around the outlet position; | |
| 3. The coil is attached to a circular hard magnetic disk with slots, with a magnetic disk size of 52 ± 0.25mm, and a thickness of 1.0 ± 0.1mm. The total thickness is 2.2 ± 0.2mm | |

三、Winding Specification:

| NO. | TERMINAL | WIRE | Turns | Winding Direction |
|-----|----------|------|---------------------------|-------------------|
| 1 | S | F | Hot air line 0.1*24PX2 | 10Ts |

四、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

| NO. | ITEM | TERMINAL | SPECIFICATION | TEST FREQUENCY | TEST EQUIPMENTS |
|-----|------|----------|---------------------------------|----------------|-----------------|
| 1 | IND. | S-F | 3.8uH ±20%Individual coil | 100KHz/1.0V | LCZ METER 1062B |
| 2 | IND. | S-F | 6.5uH ±10%Adding magnetic disks | 100KHz/1.0V | LCZ METER 1062B |
| 3 | DCR | S-F | ≤90m Ω | 100KHz/1.0V | LCZ METER 502B |
| 4 | Q | S-F | ≥39 | 100KHz/1.0V | LCZ METER 502B |

| PREPARED BY/DATE | CHECKED BY/DATE |
|------------------|-----------------|
| 2023/06/06 | 2023/06/06 |