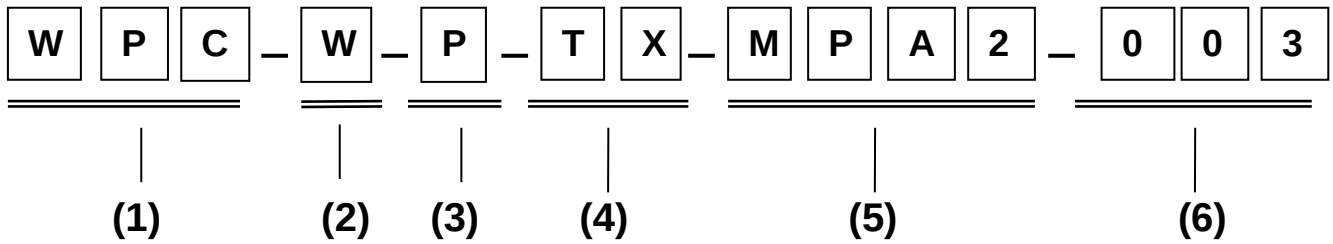


WPC-W-P-TX-MPA2-003 Specification

1. Explanation of Part Number:



- (1) Product type: Wireless Power Charging
- (2) Mode: WPC
- (3) Active or passive: Passive
- (4) Type: Power Transmitter
- (5) Antenna material or type: WPC Power Transmitter type MP-A2
- (6) Suffix : 003

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = ± X.X = ± X.XX =

ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 王聖元

CHECKED BY : 吳金依

DESIGNED BY : 彭長億

APPROVED BY : 洪碩國

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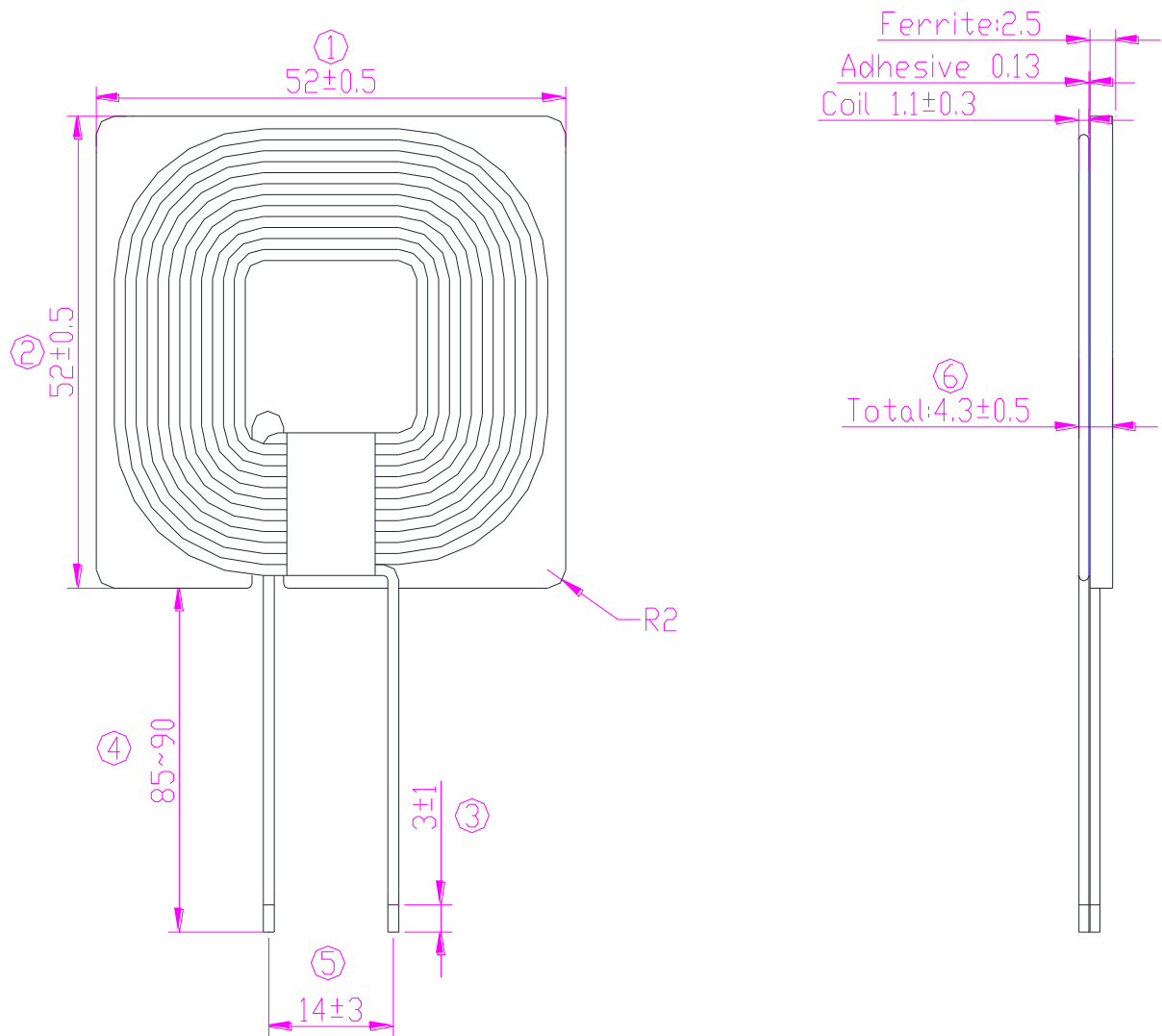
TITLE : WPC-W-P-TX-MPA2-003

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SPEC REV.
A1

2. Dimension :



Drawing Rev.A1

3. Coil Electrical Specification :

Test Item	Test Condition	Specification
Inductance	100K Hz, 1V	10 uH +/-10%
Q	100K Hz, 1V	35 TYP.
DCR	@25°C	100 mΩ+/-4%

a.) COIL MATERIAL : 0.08mm X 105P

b.) ONE LAYERS :12 TURNS.

UNLESS OTHER SPECIFIED TOLERANCES ON :

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A1

4. Ferrite Electrical Specification:

磁导率实部 μ'	$f=10\text{kHz}, B<0.25\text{mT}$	25℃	$2300 \pm 25\%$
磁导率虚部 μ''	$f=10\text{kHz}, B<0.25\text{mT}$	25℃	$10 \pm 25\%$
饱和磁通密度 B_s	50Hz, 1194A/m	25℃	510
		100℃	390
剩磁 B_r		25℃	95
		100℃	55
矫顽力 H_c		25℃	14
		100℃	9
居里温度 (℃)	$f=10\text{kHz}, B<0.25\text{mT}$		>215

5. Operating & Storage Condition:

a.)STORAGE TEMPERATURE RANGE: -20℃ ~ +70℃

b.)OPERATING ENVIRONMENTALTEMPERATURE RANGE: -5℃ ~ +60℃

c.)STORAGE ENVIRONMENTAL HUMIDITY : 75% MAX.(WITHOUT ICE OR DEW.MAX.WET-BULB TEMPERATURE IS 35℃)

d.)OPERATING ENVIRONMENTAL HUMIDITY:70% MAX.(WITHOUT ICE OR DEW,MAX.WET-BULB TEMPERATURE IS 35℃

UNLESS OTHER SPECIFIED TOLERANCES ON :

$X = \pm$ $X.X = \pm$ $X.XX =$

ANGLES = $\pm$ HOLE DIA = $\pm$



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 王聖元

CHECKED BY : 吳金依

DESIGNED BY : 彭長億

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A1