

New

WC-TX-001-90K

Transmitting antenna flexible-pad for the wireless power transfer in the electric vehicles

WIRELESS CHARGING ANTENNAS



FEATURES

- › Electrical insulation, magnetic flexible-core and coil integrated in a single pad.
- › Excellent dissipation of impact energy.
- › The PBM increased coupling factor "K".
- › Flexible magnetic core-shape.
- › High electrically insulated.

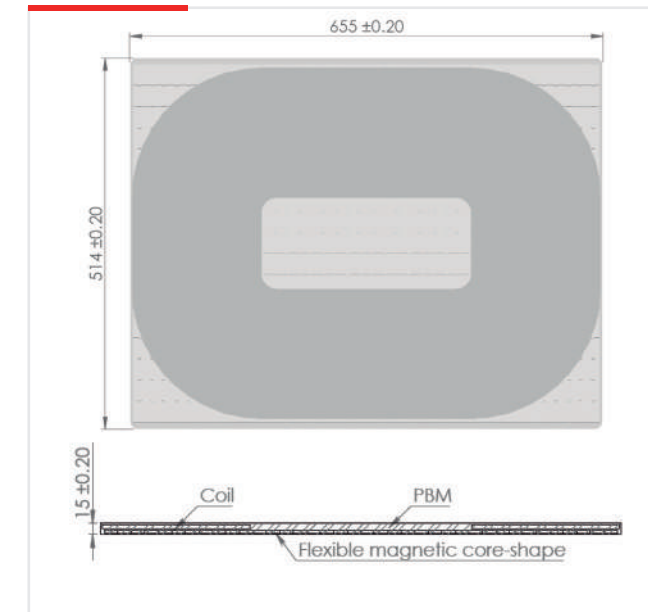
01 CHARACTERISTICS

The housing of this pad is made of magnetic powder in a polymer matrix or PBM (Polymer Bonded Magnetics).

- › Resonance frequency around 85 kHz.
- › Wireless Power Transfer class 2 (7.7 kW).
- › Z-class:2 (VA coil ground clearance range: 140-210 mm).
- › Interoperability with vehicle assembly classes WPT1 and WPT2.
- › Compatibility with vehicle assembly classes Z1 and Z2.
- › The mechanical dimensions have been designed based on SAE International WPT2/Z2 proposals.

02 DIMENSIONS

DIMENSIONS (mm)



ELECTRICAL PARAMETERS

$L_{GA} \text{ min} [\mu\text{H}]$	$L_{GA} \text{ max} [\mu\text{H}]$
39.6	42.5