

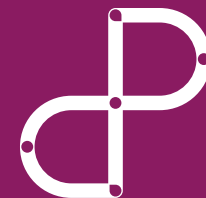
AIR

Ooka Antenna Information

07 FEB 2023

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Revision history

Ajman 4

REVISION	DATE	AUTHORS	DESCRIPTION OF CHANGE
CRB-1368-GD-A	7 th February 2023	Jon Stafford	First Release



Antenna Technical Information

Manufacture: Molex

Part Number: 146236-2102

Antenna Type: FPC Coil Antenna

Protocol: Near Field Communication (NFC)

Modulation Type: Amplitude Shift Keying (ASK)

Communication Channel: Simplex

Frequency: 13.56 MHz

Antenna Thickness: 0.17 ± 0.05 mm

Loop Height: 15 mm

Loop Width: 25 mm

Turns: 8

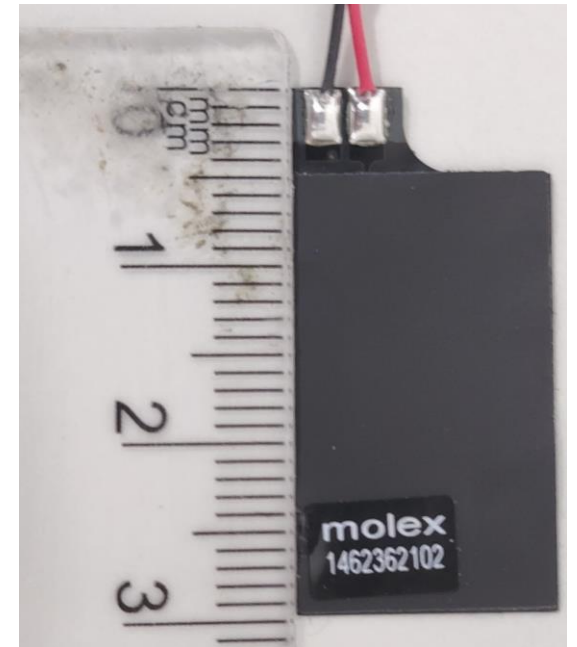
Maximum Output Power Level: 30 dBm



Turns



Loop Height



Loop Width





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