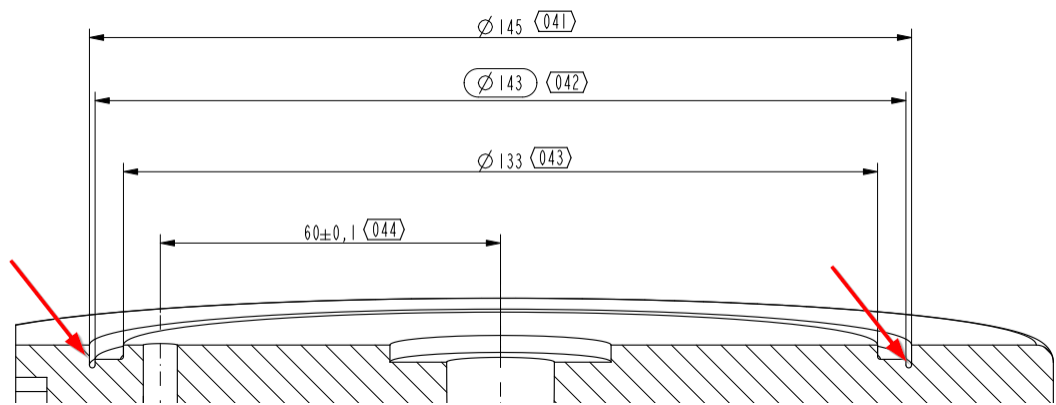


Antenna Information

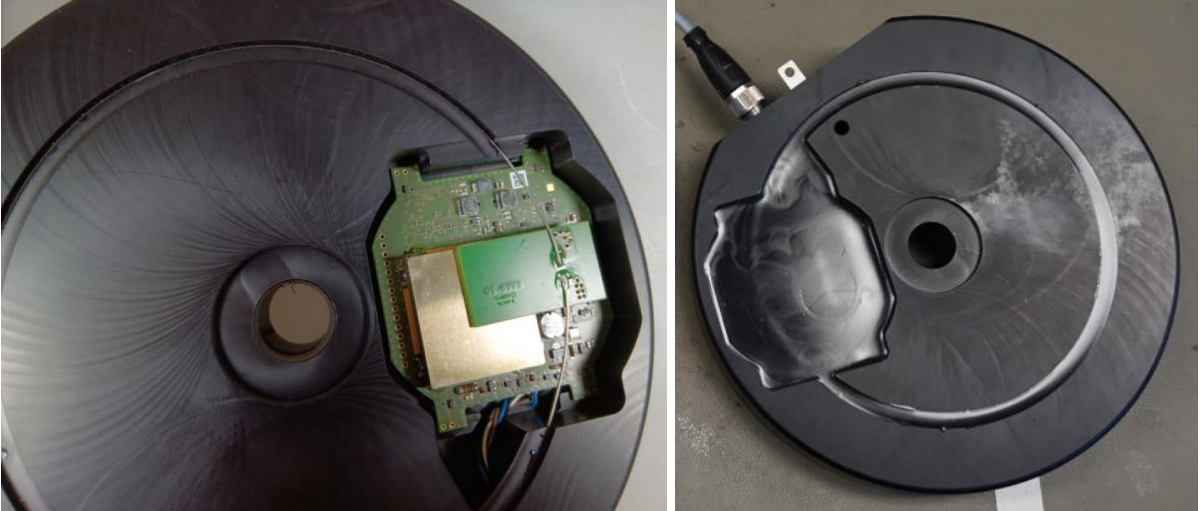
IQH3-F115-V1 / IQT3-F115-IO-V1

An inductive coil antenna is used in these devices, operating in 13.56MHz range.

The coil has an outer diameter of 145mm and is made of 0.8mm tinned copper wire. The coil wire is guided in a slot in housing material.



With a matching network on part #70163427 “PCBA S IQx3-F115-COIL”, marked as 05-8393, the coil is tuned to its resonance at 13.56MHz.



The coil wire is covered with potting during final manufacturing steps.

CONFIDENTIAL acc. to ISO 16016	Only valid as long as released in EDM!	scale:	date: 2024-Jun-24
 PEPPERL+FUCHS Mannheim	Antenna Information	respons	14-5599
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