

71.6 Watch Fast Charger Inductive Coil Module Dimensions

REV	ECO#	DESCRIPTION OF REVISION
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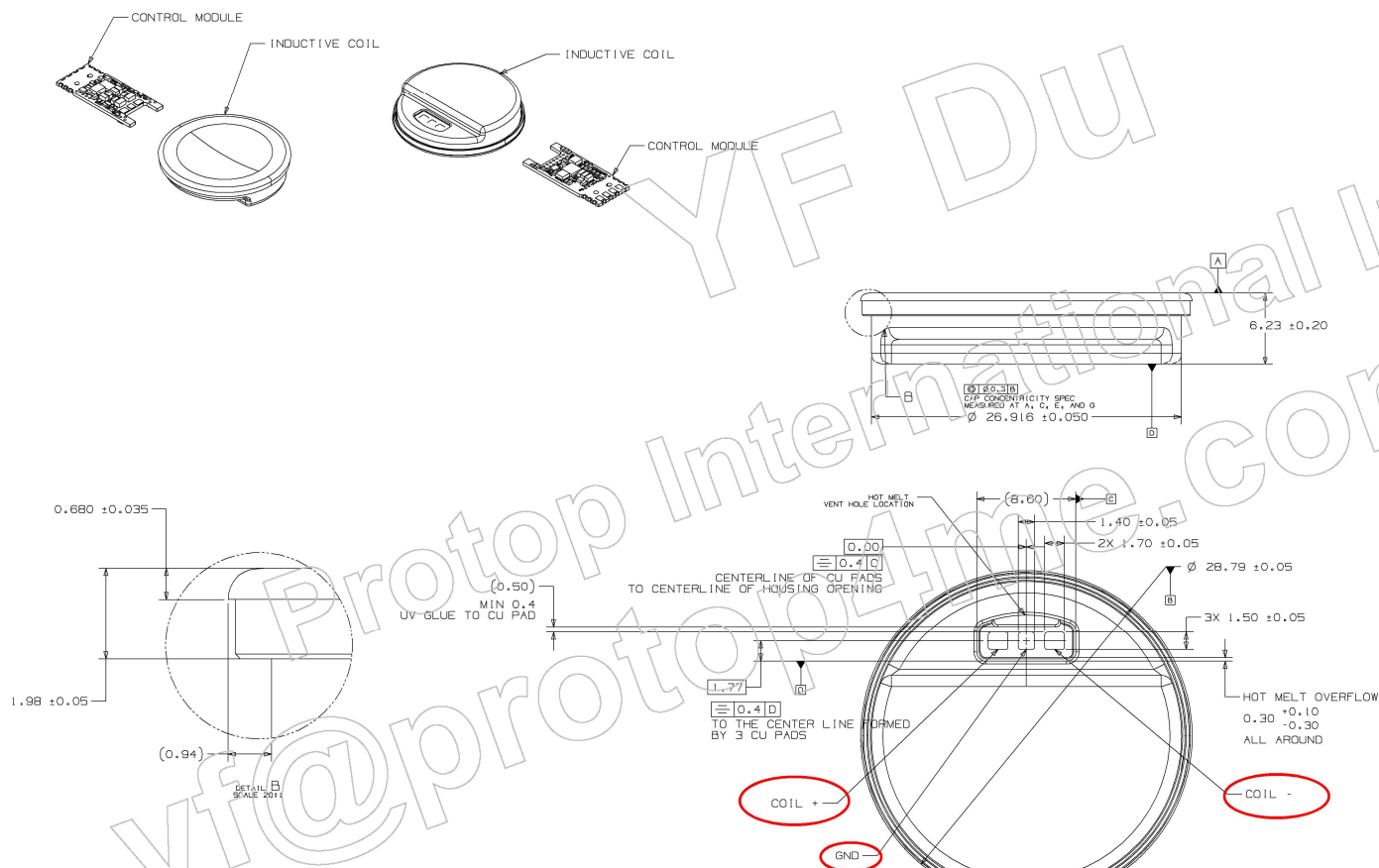
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. NO ELECTRICAL SHORTS BETWEEN GND PAD AND SURROUNDING METAL.
2. THE TOP SURFACE OF THE INDUCTIVE COIL ASSEMBLY (DATUM A) SHALL BE 0.40MM $\pm$ 0.25MM PROUD OF THE SURROUNDING SURFACE.
3. COMPONENTS AND TERMINATIONS ON THE CONTROL MODULE SHALL BE FULLY ENCAPSULATED WITH A RIGID GLUE TO PROTECT COMPONENTS. LOCTITE UV906IF OR EQUIVALENT GLUE RECOMMENDED
4. THE CONTROL MODULE SHOULD BE CONTAINED WITHIN A SHEET METAL ENCLOSURE. THERMAL PASTE SHOULD BE USED TO THERMALLY BRIDGE THE CONTROL MODULE TO THE THERMALLY CONDUCTIVE ENCLOSURE. COLTECH N-SIL 9516W THERMAL PASTE OR EQUIVALENT PASTE RECOMMENDED (THERMAL CONDUCTIVITY TARGET OF AT LEAST 1.5 W/(m.k)).

1. Inductive Coil

The C962 inductive coil has 9 turns with an outer diameter of ≈ 21.34 mm.

2. Copper wire specification: OD0.08mm*24,
enamelled copper wire / 105℃



METRIC			
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DIMENSIONS ARE IN MILLIMETERS TOLERANCES		TITLE APPLE WATCH FACE CHARGER MODULE	
DO NOT SCALE DRAWINGS		DRAWING NUMBER 00000000	REV. 0
	SIZE NONE	SHT 1	OF 2