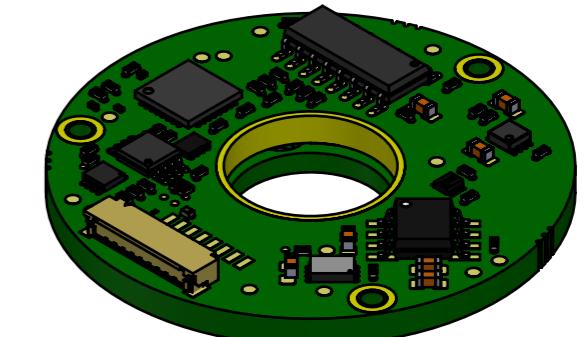
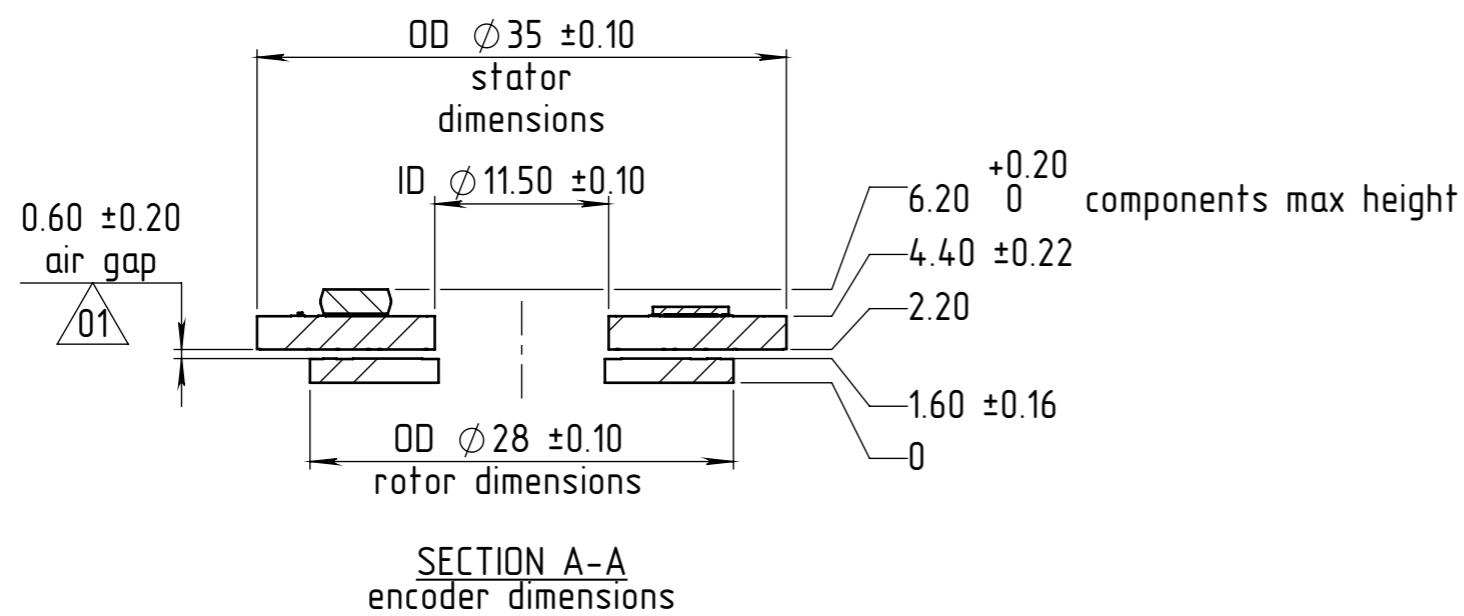
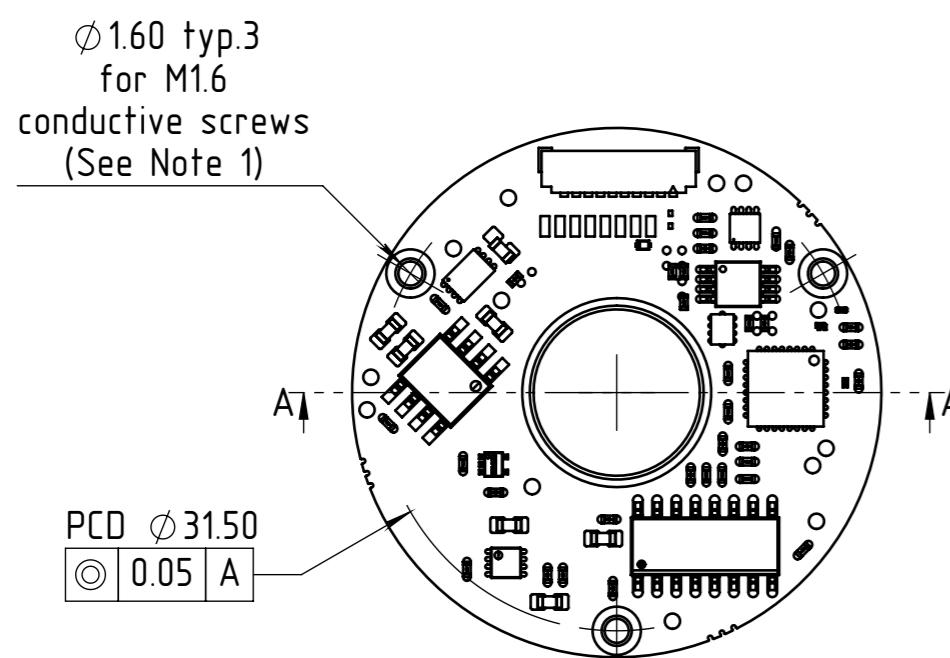


REVISIONS

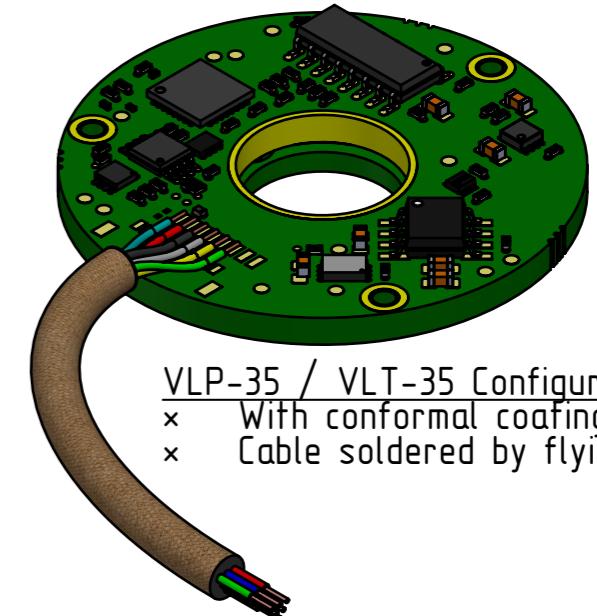
ZONE	REV.	DESCRIPTION	DATE	DRAWN
B1	01	Axial tolerance was allowed to ± 0.2	05-Aug-2025	Michael A.
E8	02	VLT-35 configuration added	22-Dec-2025	Michael A.



VLX-35 Configuration:
 Without coating
 Connector DF-10S-0.8C on-board
 (cable with pairing connector DF-10P is available as an accessory)



Stator mounting



VLP-35 / VLT-35 Configuration:
 With conformal coating
 Cable soldered by flying leads

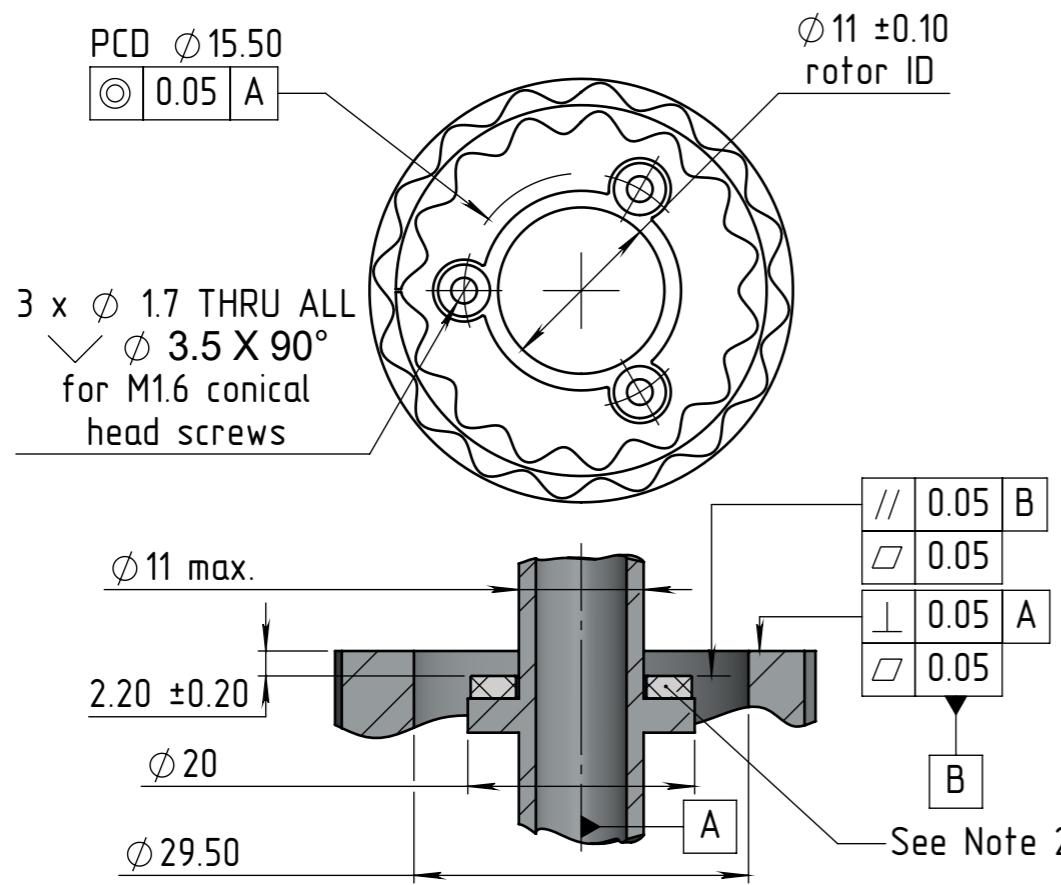


Notes:

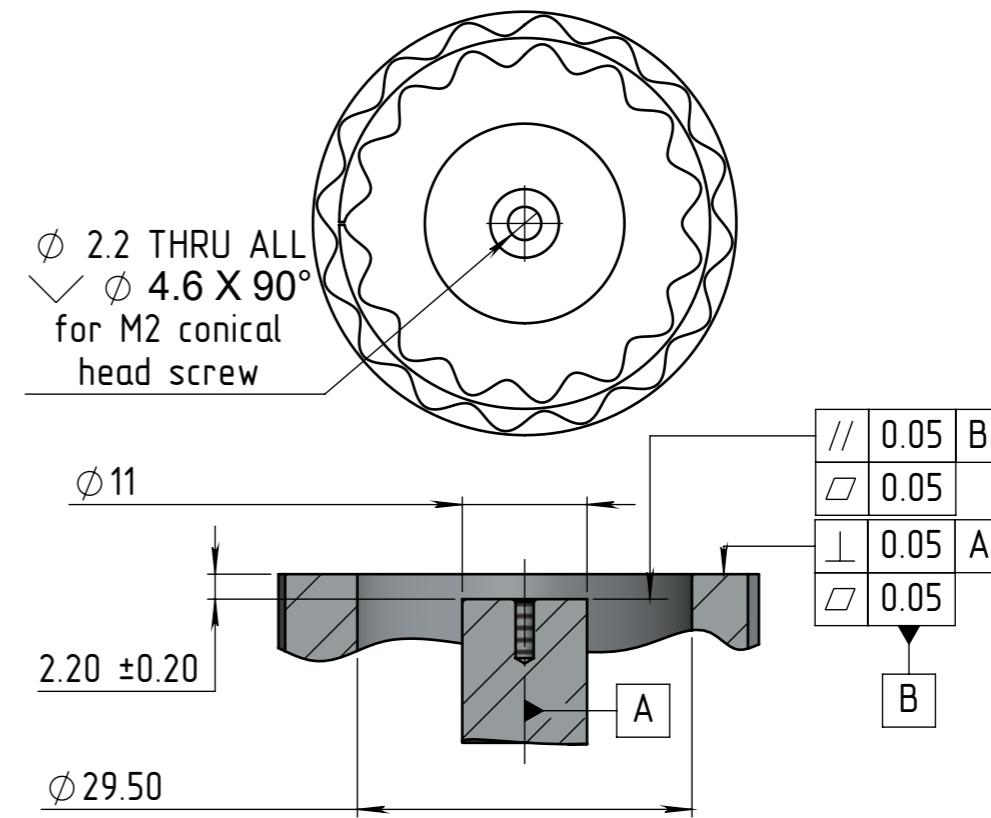
1. It is important to use conductive screws for the stator mounting for PCB grounding.

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DRAWN	NAME	SIGNATURE	DATE
CHK'D		MA	24-Apr-2025
APPV'D			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: mm SURFACE FINISH: N6			
0.5 - 4.9: ± 0.05 mm 5 - 30: ± 0.1 mm 31 - 120: ± 0.15 mm 121 - 400: ± 0.2 mm 401 - 1000: ± 0.3 mm 1001 - 2000: ± 0.5 mm Between holes: ± 0.05 mm Angles: $\pm 0.5^\circ$ On all edges make chamfer 0.1 mm x 45°			
TITLE: VL-35 Mechanical Interface MATERIAL: Coating: SCALE: 2:1 PROJECT: VL-35 Revision: A3 CAT NO.: VL-35 ICD SHEET 1 OF 2			



Hollow rotor option



Single screw rotor option

Notes:

! 2. In both options it has to be 2 mm or thicker air gap or adapter mad of non-conductive material below the rotor lower surface between diameters 13.2 and 28 mm — to prevent parasitic capacitance.
 3. Screws closing torques — per screws spec.
 4. The specified base and shaft diameters are recommended but not mandatory.
 5. Both stator and rotor are positioned and centered by screws only.

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NAME	SIGNATURE	DATE
DRAWN Michael Agami	MA	24-Apr-2025
CHK'D		
APPV'D		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: mm SURFACE FINISH: N6		
0.5 - 4.9: ±0.05 mm	5 - 30: ±0.1 mm	
31 - 120: ±0.15 mm	121 - 400: ±0.2 mm	
401 - 1000: ±0.3 mm	1001 - 2000: ±0.5 mm	
Between holes: ±0.05 mm	Angles: ±0.5°	
On all edges make chamfer 0.1 mm x 45°		
TITLE: VL-35 Mechanical Interface		
MATERIAL: Coating: SCALE: 1.5:1		
PROJECT: VL-35 Revision: A3		
CAT NO.: VL-35 ICD		
02		
SHEET 2 OF 2		