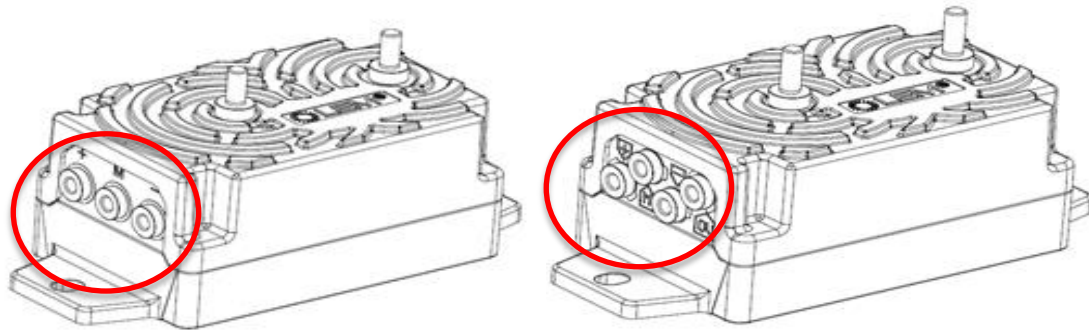


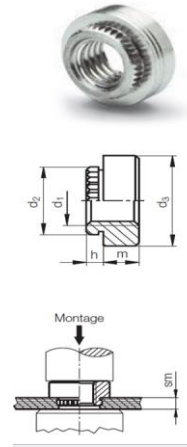
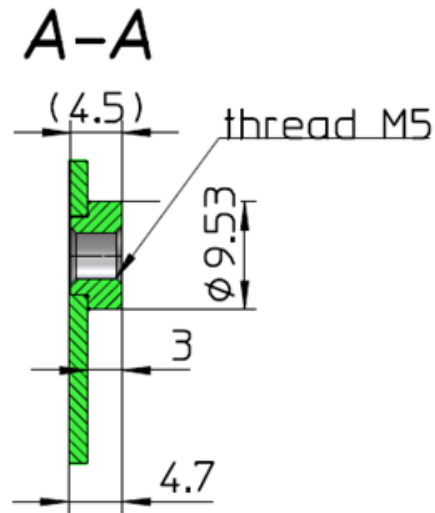
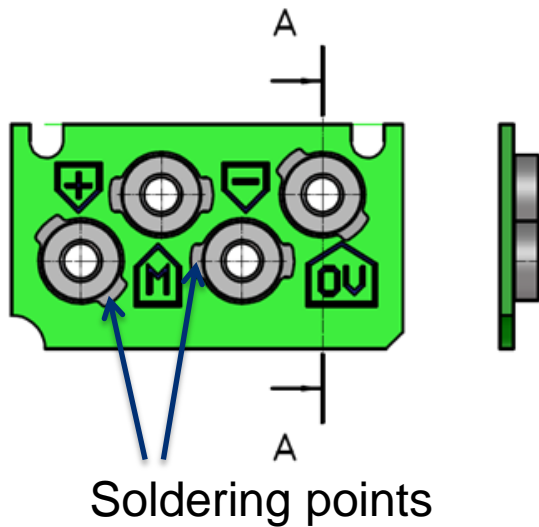
DVL Secondary Inserts & PCB Design



DVL 750/SP2, DVL 1000/SP5
DVL 1500/SP2, DVL 2000/SP2

DVL 750/SP5, DVL 1000/SP9
DVL 1500/SP7

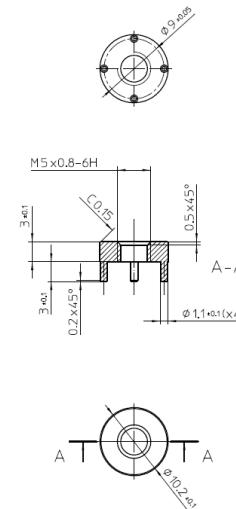
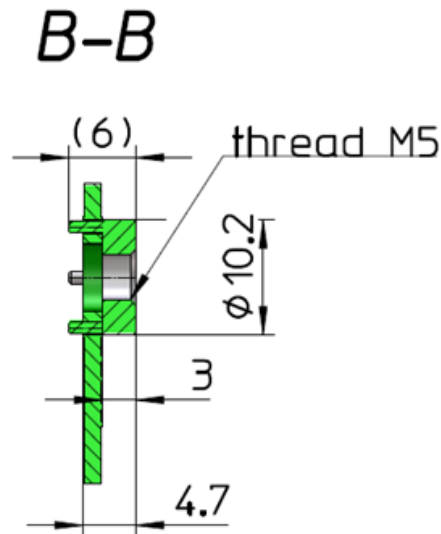
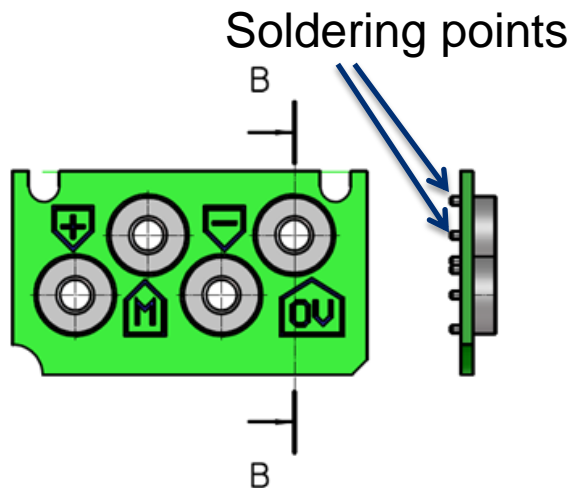
Old Design



All Dimensions of the new design are same as in old design concept except: thread length and outer diameter of the nut from $\phi 9.53\text{mm}$ to $\phi 10.2\text{mm}$.

Note: See the datasheet of the product.

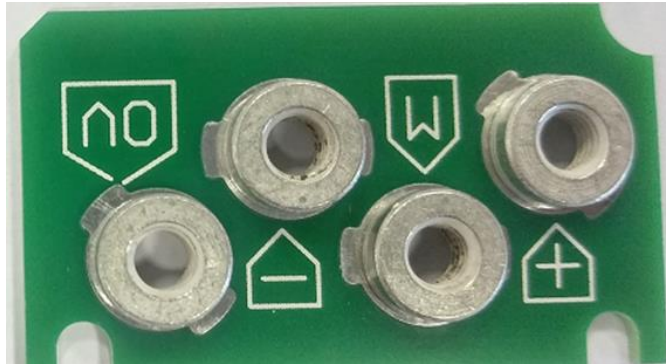
New Design



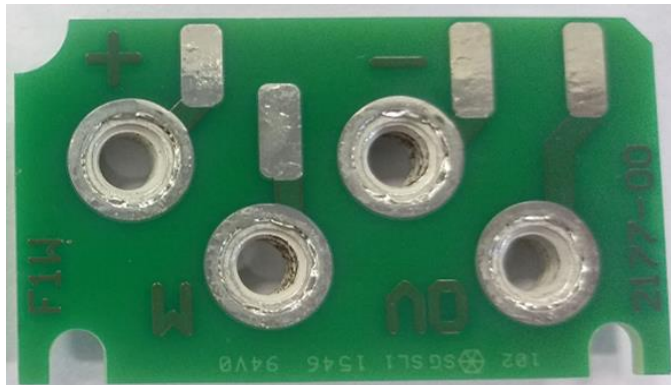
4 soldering points per nut

Old and New design PCB after assembly

Front side

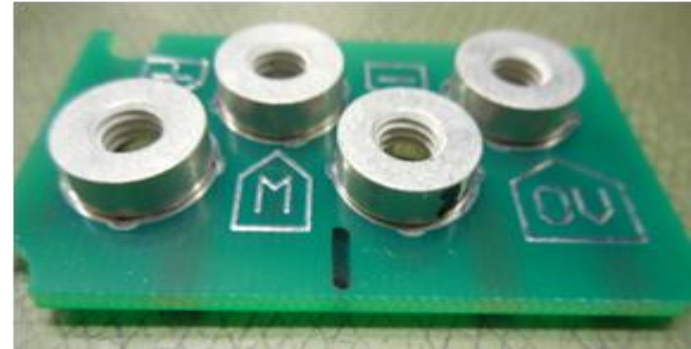


Back side

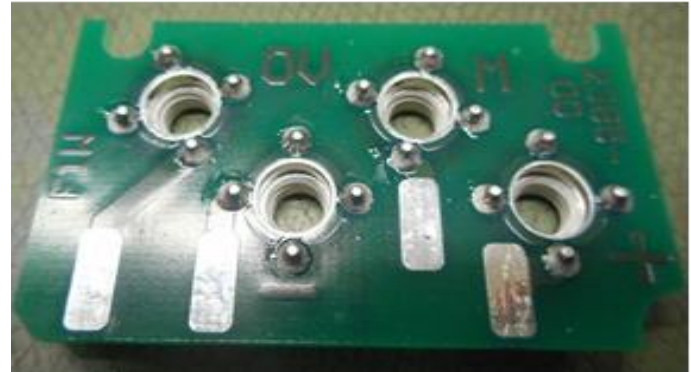


Old design

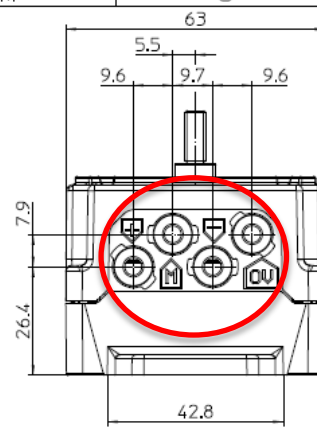
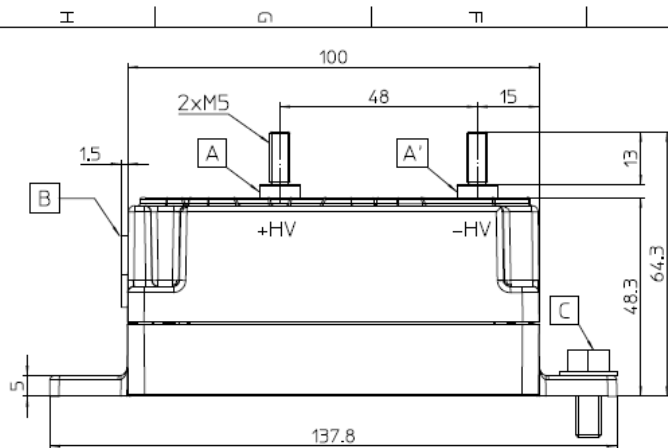
Front side



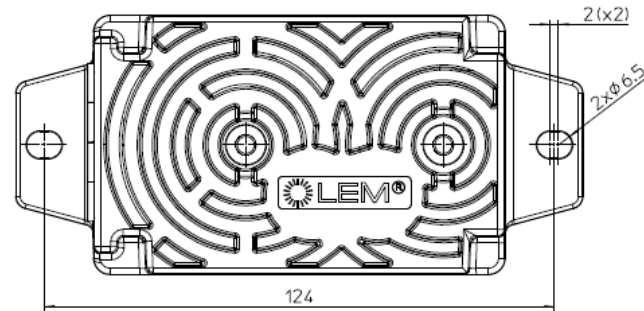
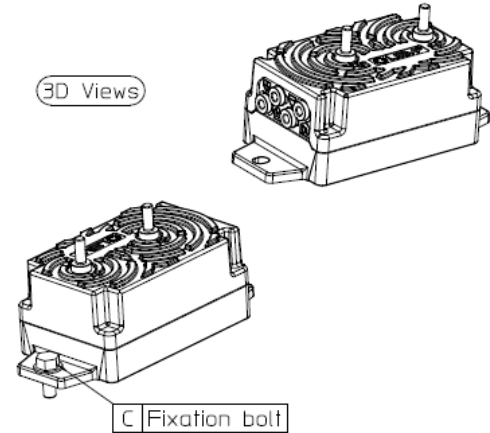
Back side



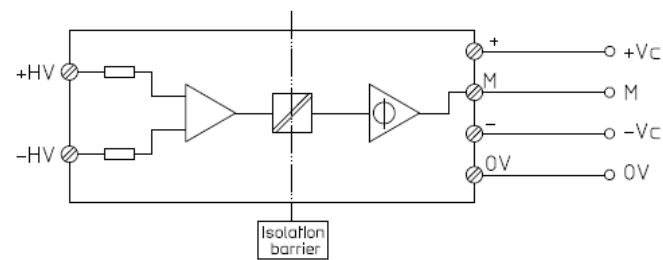
New design



3D Views



	dCl (mm)	dCp (mm)
A-A'	38.1	50.3
A-B	39.6	56.4
A'-C	45.6	56.2





Transducer fastening: 2 holes Ø 6.5 (2 M6 steel screws)
- Recommended fastening torque (±10%): 4 N.m

Primary connection: 2x M5 threaded studs
- Recommended fastening torque (±10%): 2.2 N.m

Secondary connection: 4x M5 threaded inserts
- BEWARE to maximum threaded length for customer screw: 12 mm
- Recommended fastening torque (±10%): 2.2 N.m

Rev.	Date (MM/DD/YYYY)	Modification	CFU	Name

General tolerances Linear: ±0.5 Angular: ±1°			Folio: 1/1	LEM Switzerland SA, 8, chemin des Aulx P.O. Box 35 CH-1228 Plan-Les-Ouches Geneva Switzerland		 LEM		LEM Intellectual Property SA Avenue Beauregard 1 CH-1900 Fribourg Switzerland		
<<> Key characteristics		<<> Capability dimensions		<<> Functional dimensions		Size A3	Scale 1:1	Writer 05/03/08 SCY	1	
All linear dimensions are in millimeter. All angles are in degrees.						This document is the property of LEM Intellectual Property SA. No copy without prior written permission.		Checker MGH		Approval 05/03/08 EPe
OUTLINE DRAWING H						Drawing reference 92.33.08.310.0		Revision 00		
DVL										