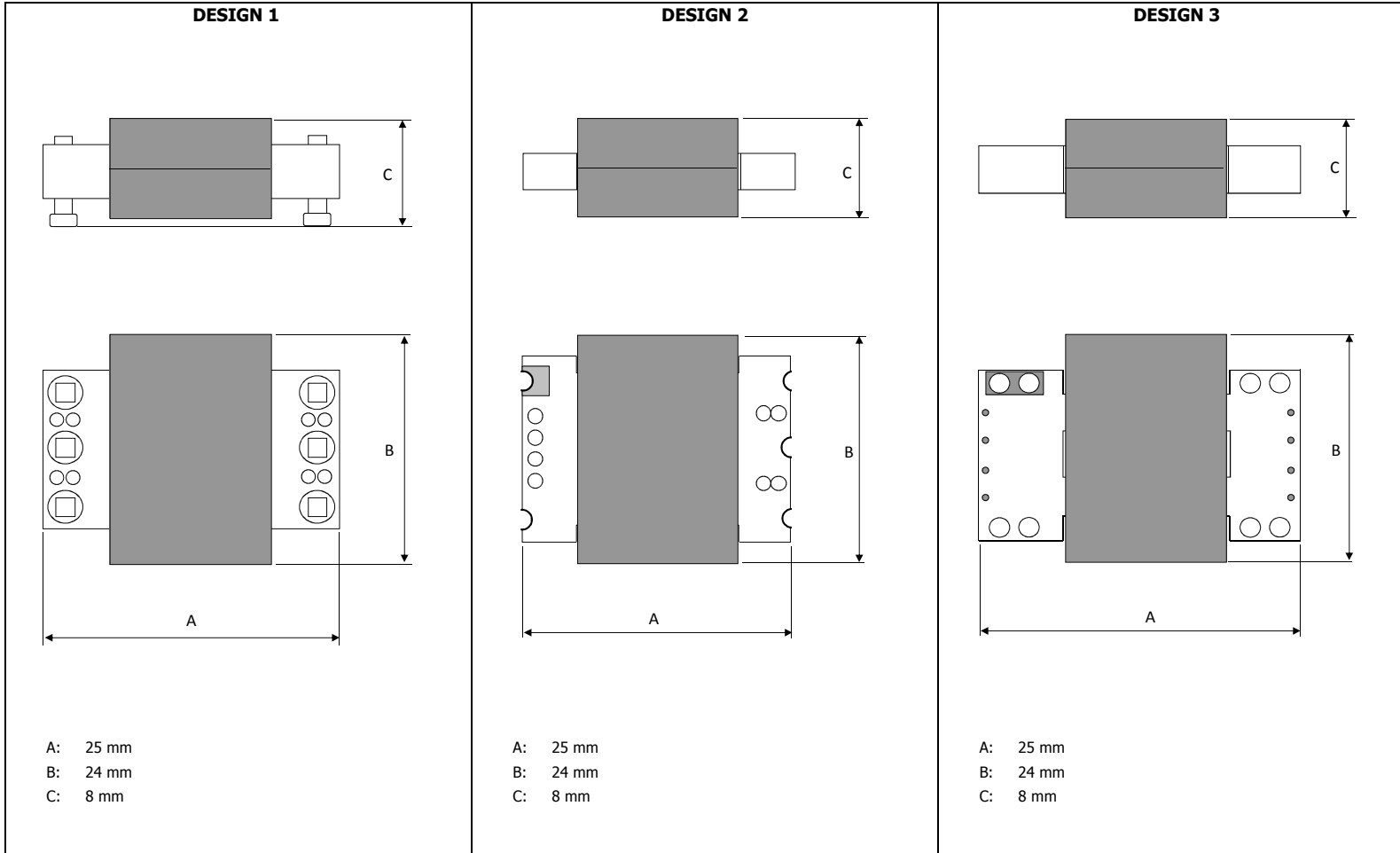


P/N	PC_Concept 23
Function	DC/DC Transformer
Model	Planar

DESIGN PROPOSAL



Typical dimensions



Typical Characteristics

Type A	
Topology	Fullbridge 170kHz
Output Power	180W
Input Voltage	48V
Inductance	65μH
Turns Ratio	5:2+2
Pri-Sec Insul.	1500V DC

Type B	
Topology	Forward 330kHz
Output Power	150W
Input Voltage	48V
Inductance	65μH
Turns Ratio	5:4
Pri-Sec Insul.	1500V DC

Type C	
Topology	Flyback 330kHz
Output Power	45W
Input Voltage	60V
Inductance	4μH
Turns Ratio	4:1
Pri-Sec Insul.	1500V DC

Notes

- Position and number of terminals upon customer request
- Maximum output power depends on operating frequency and cooling arrangement
- Terminal arrangement according to design 2 is currently subjected to patent
- Design 1 can be through hole as well