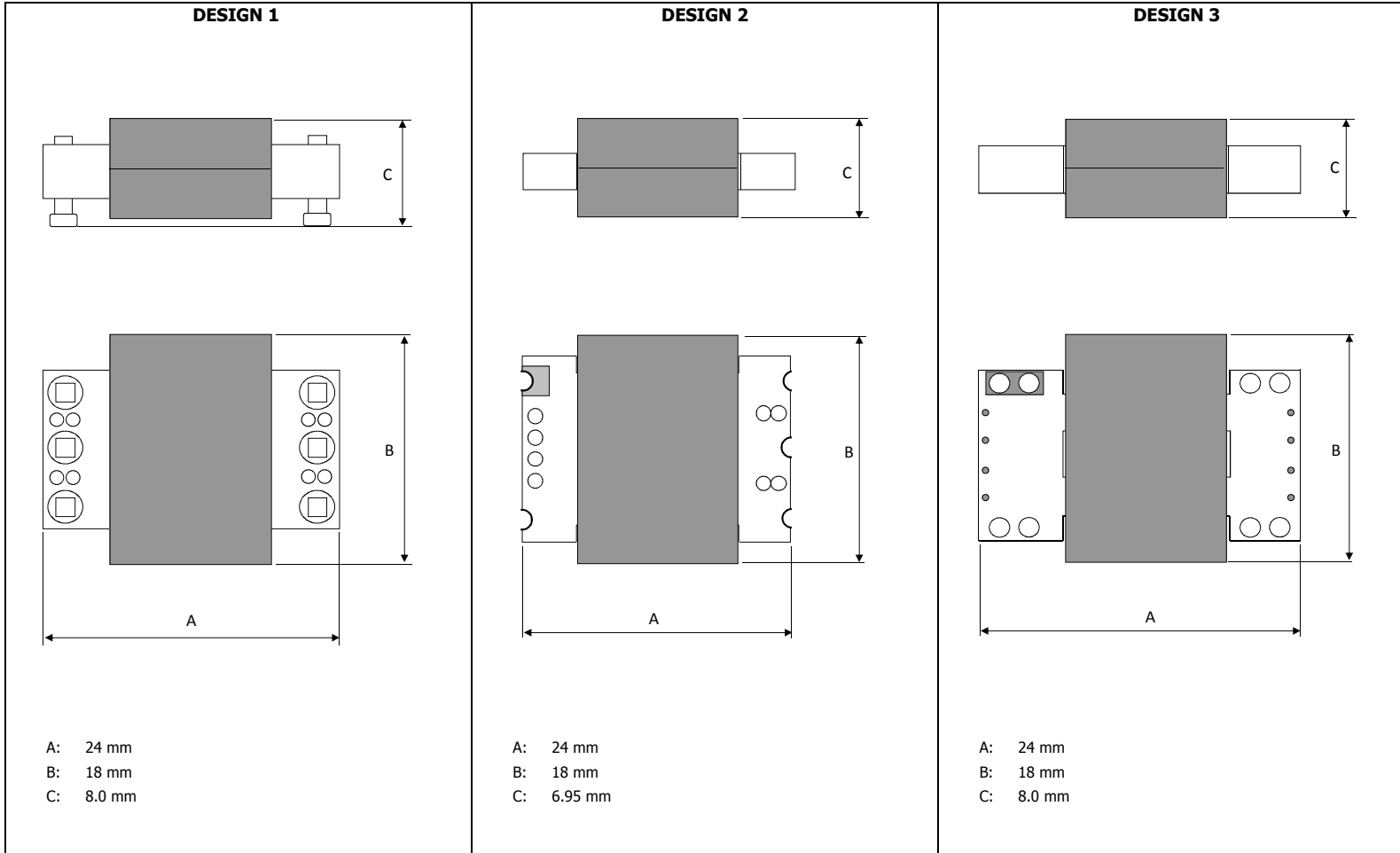


P/N	PC_Concept 18
Function	DC/DC Transformer
Model	Planar

DESIGN PROPOSAL



Typical dimensions



Typical Characteristics

Type A	
Topology	Fullbridge 220kHz
Output Power	100W
Input Voltage	48V
Inductance	68μH
Turns Ratio	5:2+2
Pri-Sec Insul.	1500V DC

Type B	
Topology	Forward 350kHz
Output Power	35W
Input Voltage	48V
Inductance	270μH
Turns Ratio	10:3
Pri-Sec Insul.	1500V DC

Type C	
Topology	Flyback 300kHz
Output Power	50W
Input Voltage	48V
Inductance	8.2μH
Turns Ratio	7:1
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