



Special Features

- Universal AC mains input
- Designed for baseplate cooling
- 300-700W power versions with wide adjustment range
- -25°C standard, -40°C option
- 3 year warranty

Description

- The TPS380 is a power supply designed for use in applications where cooling through the baseplate is employed, such as in sealed boxes.
- The power is derived from a power factor corrected, universal AC input to provide a well regulated DC output which is adjustable over a wide range.

Electrical Specification

- Universal AC input 100-240VAC, 50/60Hz with power factor correction
- EN55022 EMC emissions compliance, Level B as standard
- Trim range 80-120%, (80-110% on 48v)
- Able to work through 2kV surges as standard, 4kv as an option (-F)
- DC on LED

Output

- 12VDC at 0 to 25A load adjustable 9.6V to 14.4V - 300W
- 12VDC at 0 to 42A load adjustable 9.6V to 14.4V - 500W
- 12VDC at 0 to 58A load adjustable 9.6V to 14.4V - 700W
- 28VDC at 0 to 11A load adjustable 22.4V to 33.6V - 300W
- 28VDC at 0 to 18A load adjustable 22.4V to 33.6V - 500W
- 28VDC at 0 to 25A load adjustable 22.4V to 33.6V - 700W
- 48VDC at 0 to 6.5A load adjustable 39V to 52.8V - 300W
- 48VDC at 0 to 10.5A load adjustable 39V to 52.8V - 500W
- 48VDC at 0 to 14.6A load adjustable 39V to 52.8V - 700W



Environmental Performance

- -25°C to +55°C ambient operation at full power
- Baseplate temperature useable to 80°C
- -40°C start and operation as low temperature option (-I)
- Conformal coating available on circuit boards as an option (-C)

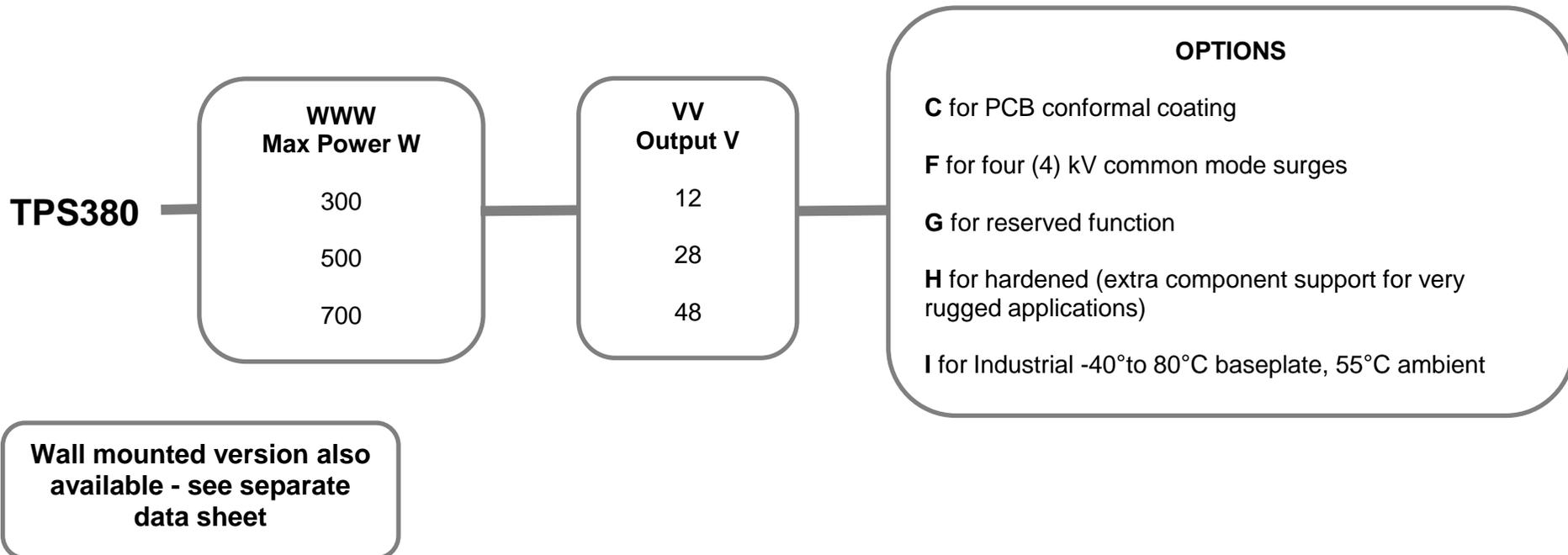
Physical Specification

- 115mm x 230mm baseplate
- Aluminium chassis
- Overall height 40mm
- 3 pin AC inlet on one end with DC output studs at other end for maximum safety clearance
- 0.1" pitch header for remote sense, trim connections and inhibit signals
- M6 output studs
- 6 off 4.5mm mounting holes



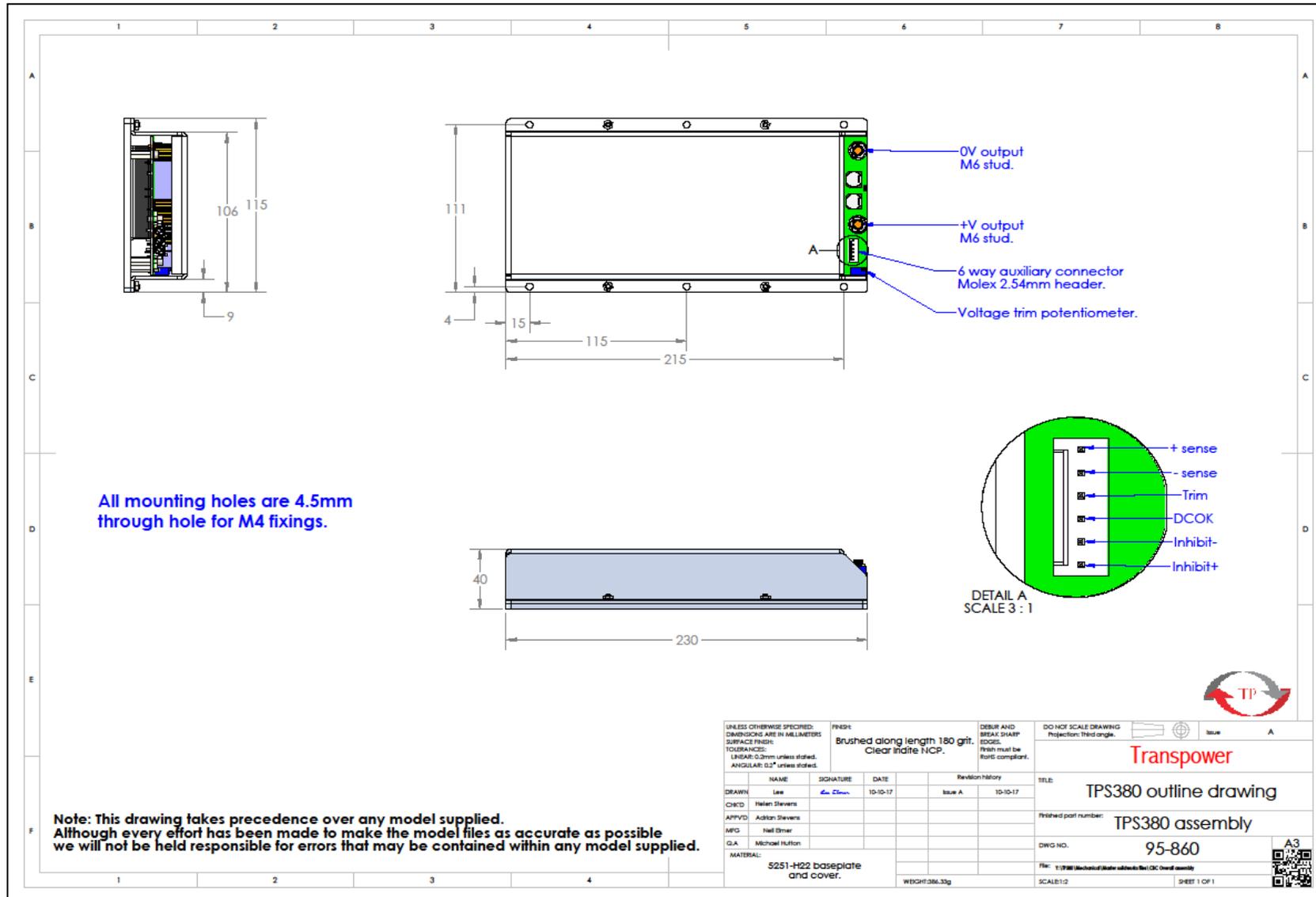
Part Number Code System

TPS380 - WWW - VV -CFGHI (blank if none)





Physical Outline





Transpower Applications Ltd

TPS380

