



## Special Features

- Up to 600W CPCI converter
- One to four regulated outputs
- Baseplate & wedge lock cooled
- 28VDC or 110VAC versions
- Reliable power in 6U rack space

## Description

- The TPS266 series are designed to provide reliable power to PCI / VME 6U applications in rack systems under stressful environments.
- Each product is tailored to the specific application and offers up to four regulated output, alarm signals and enable controls.

## Electrical Specification Unit

- Input range 18V to 40VDC or 110VAC 360-800Hz
- DC input surge protected to 100V
- Able to withstand overloads and shorts on the outputs
- Outputs isolated from input and case
- 50ms loss of input hold up incorporated where required

## Output

- 3V3 10A to 80A to and 5V 10A to 80A outputs
- +12V and -12V outputs at up to 8A
- 28V filtered outputs
- Input OK and DC output OK signal outputs
- Remote sense on main outputs

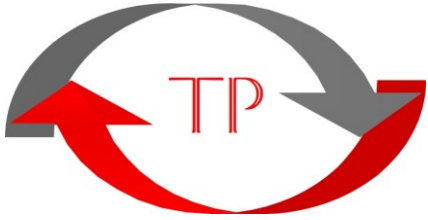


## Environmental Performance

- -40°C to +85°C baseplate temperatures; convection cooled version also available
- Rugged design to withstand vibration up to fast jet standards
- Conformal coating on circuit boards available as an option
- Mil Std 461 emissions compliant
- Mil Std 1275D / DO-160 surge ride through

## Physical Specification

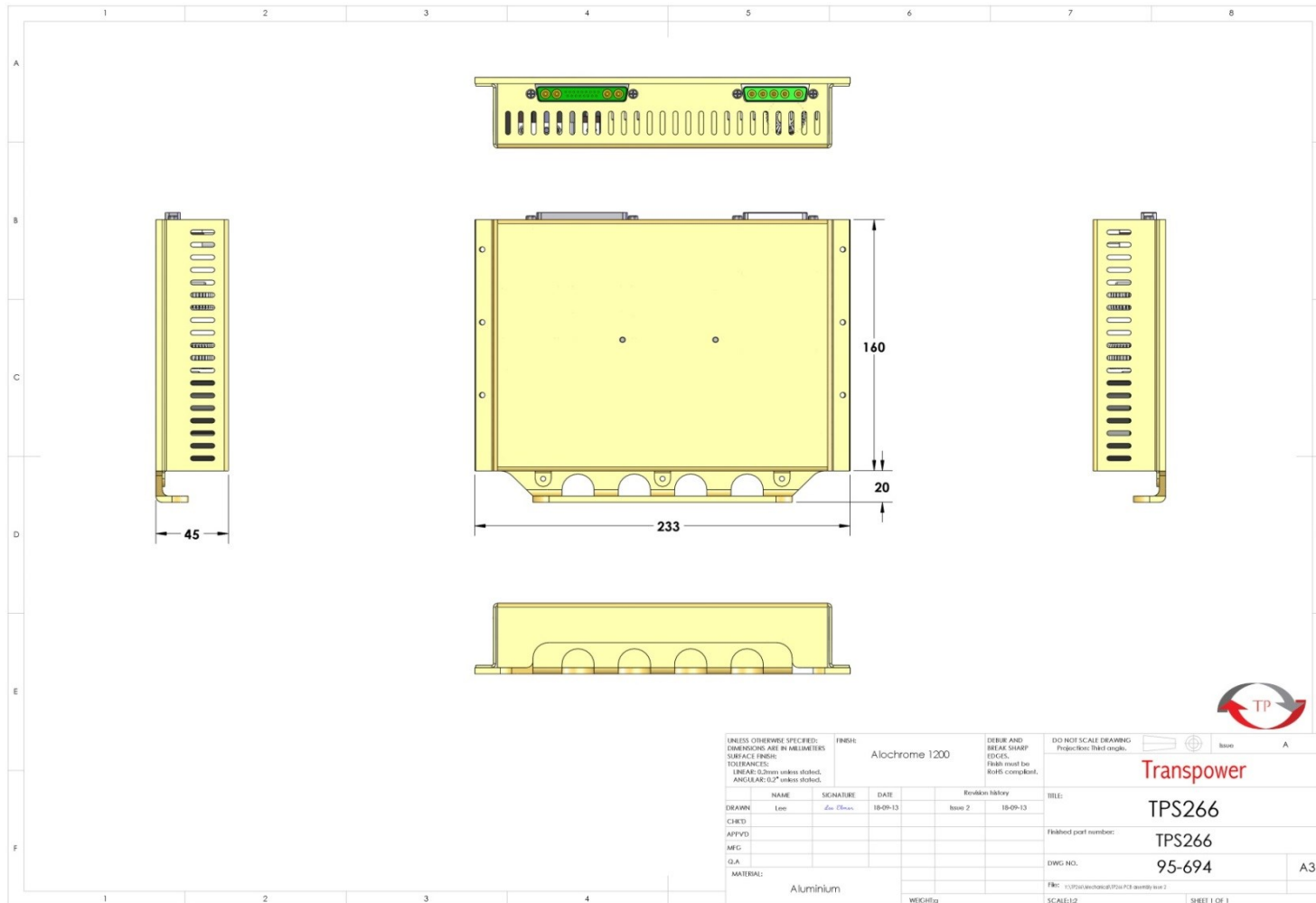
- 160mm x 233mm x 45mm chassis
- Power D type or F47 connectors
- Flat baseplate for cooling with wedge locks for retaining unit in chassis
- All stainless steel fixings



# Transpower Applications Ltd

# TPS266

## Physical Outline



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: 0.2mm unless stated. ANGULAR: 0.2° unless stated.		FINISH: Alocrome 1200	DEBUR AND BREAK SHARP EDGES. Finish must be RoHS compliant.	DO NOT SCALE DRAWING Projection: 1st angle.	Issue A
NAME	SIGNATURE	DATE	Revision history	TITLE:	TPS266
DRAWN	Lee	18-09-13	Issue 2 18-09-13	Revised part number:	TPS266
CHKD				DWG NO.	95-694
APPVD				MATERIAL:	Aluminium
MFG				WEIGHTg	
Q.A				SCALE: 1:2	A3
FILE: \\107501\mach\al\TP266 PCB assembly issue 2				SHEET 1 OF 1	

