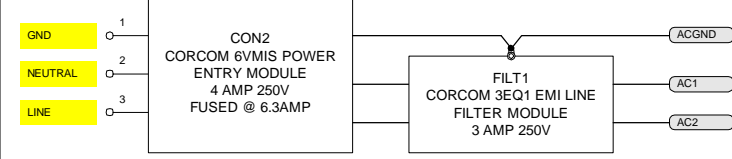
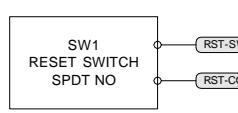
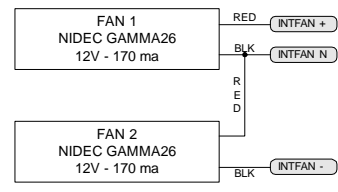
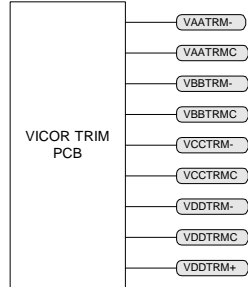
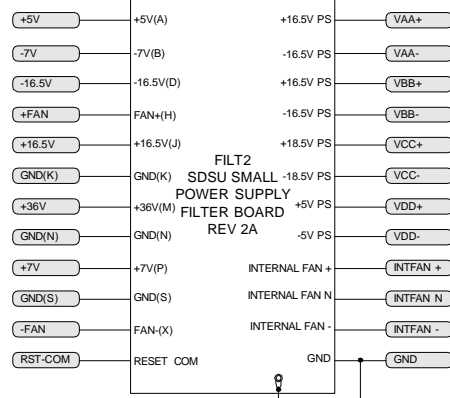


- +5V A +5V
- 7V B -7V
- GND C VDDSNS-
- 16.5V D -16.5V
- GND E
- SHUTTER1 F
- SHUTTER2 G
- +FAN H +FAN
- +16.5V J +16.5V
- GND K GND(K)
- +36V M +36V
- GND N GND(N)
- +7V P +7V
- SHUT-CNTL R
- GND S GND(S)
- +5V T VDDSNS+
- 7V U -7V
- 16.5V V VBBSNS-
- GND W VBBSNS+
- FAN X -FAN
- +16.5V Y VAASNS+
- GND Z VAASNS-
- GND a
- +7V b +7V
- GND c
- PS-TEMP d
- GND e
- RESET f RST-SW
- SHIELD g



WIRING TABLE

- 22AWG TEFLON
- 22AWG HIGH VOLTAGE TEFLON
- 20AWG TEFLON

TITLE		
Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
08/01/2002	C:\DOCS\DOC\ING_GENERAL_DESIGN_VICORSUPPLY.VSD	MAIN SCHEMATIC
DRAWN BY	PCM	

## Voltage and Current Specifications.

### Input Side

240v AC 20% 50Hz

### Output Side

Minimum required (Watts)	Output range min. max.	Pot #	Optimum volts at controller	Approx. Max. Current	Quad Readout Current
+5V(15)	4.7 - 5.2	VR4	+4.93	3A	1.6
+15V(33)	14.6 - 16.6	VR1	+16.1	2A	1.5
-15V(33)	-16.7 - -14.7	VR2	-16.1	2A	0.7
+32V(4)	30.9 - 32.9	VR3	+32.0	0.10A	0.02

## Physical Specifications.

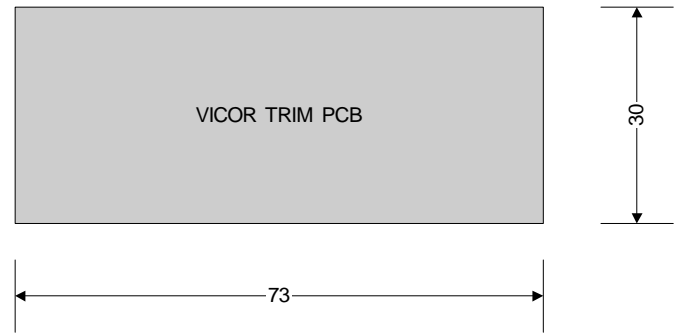
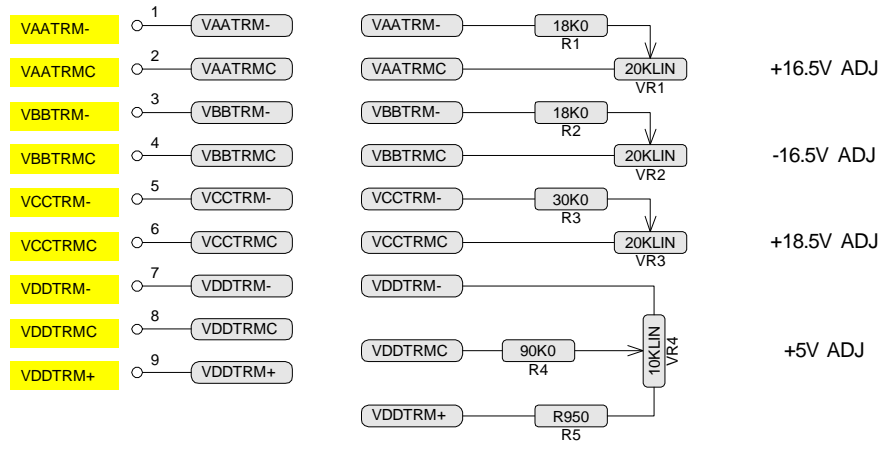
### Size

230mm x 200mm x 110mm

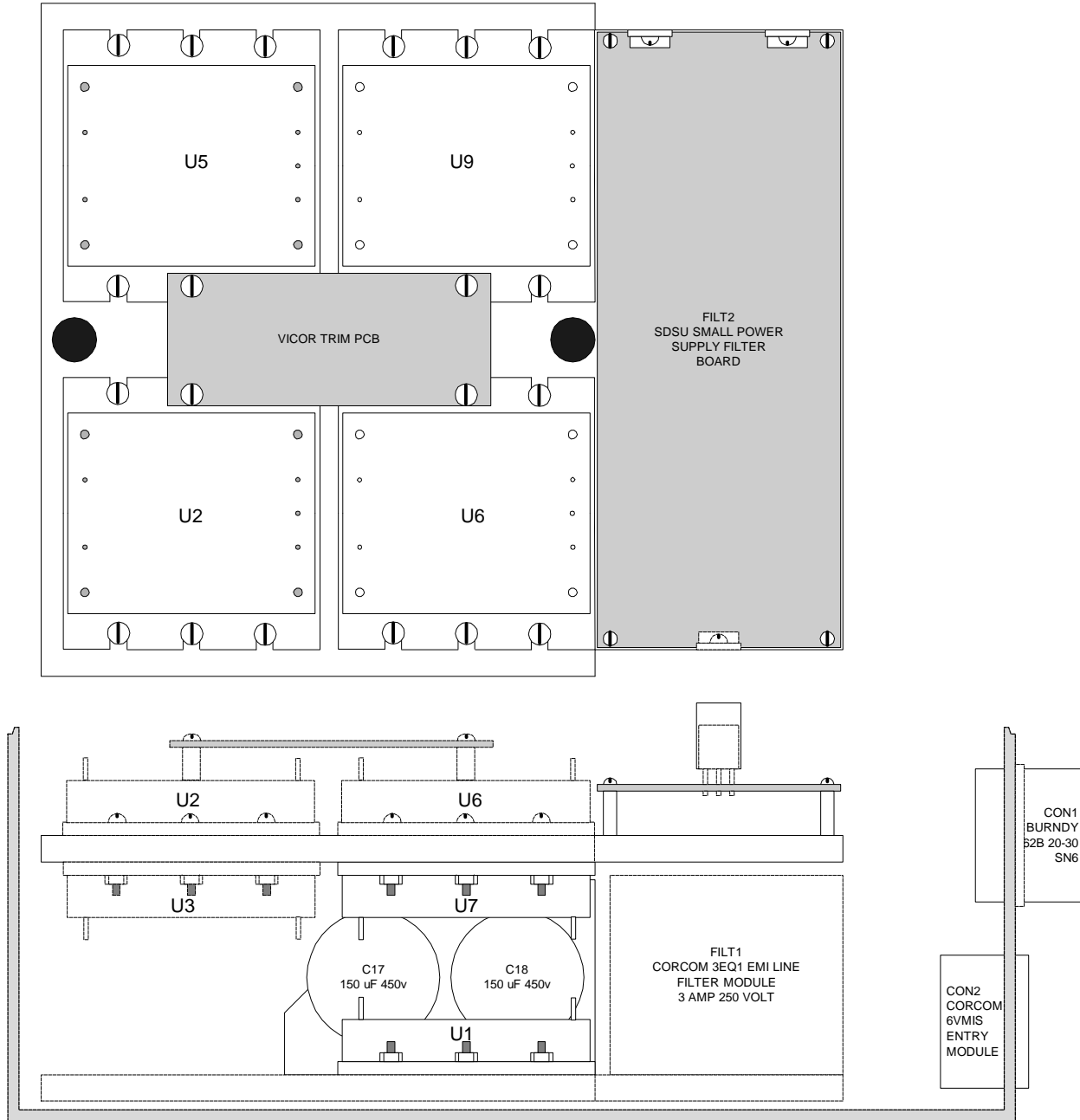
### Mounting Centers

180mm x 180mm

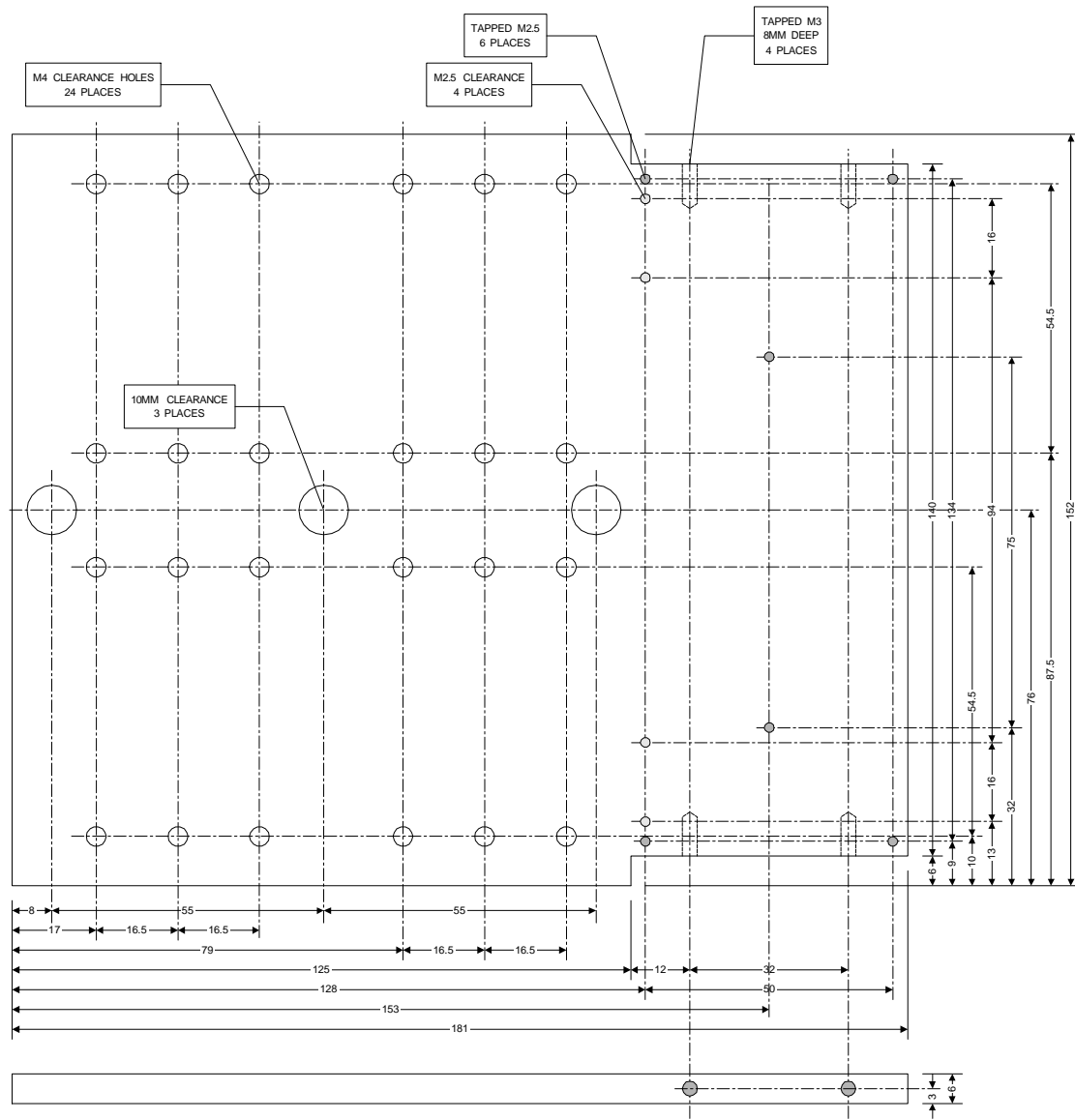
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Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
08/01/2002	C:\DOCS\DOC\	SPECIFICATIONS
DRAWN BY	ING_GENERAL_DESIGN_VIC	
PCM	ORSUPPLY.VSD	



TITLE		
Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
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DRAWN BY	PCM	

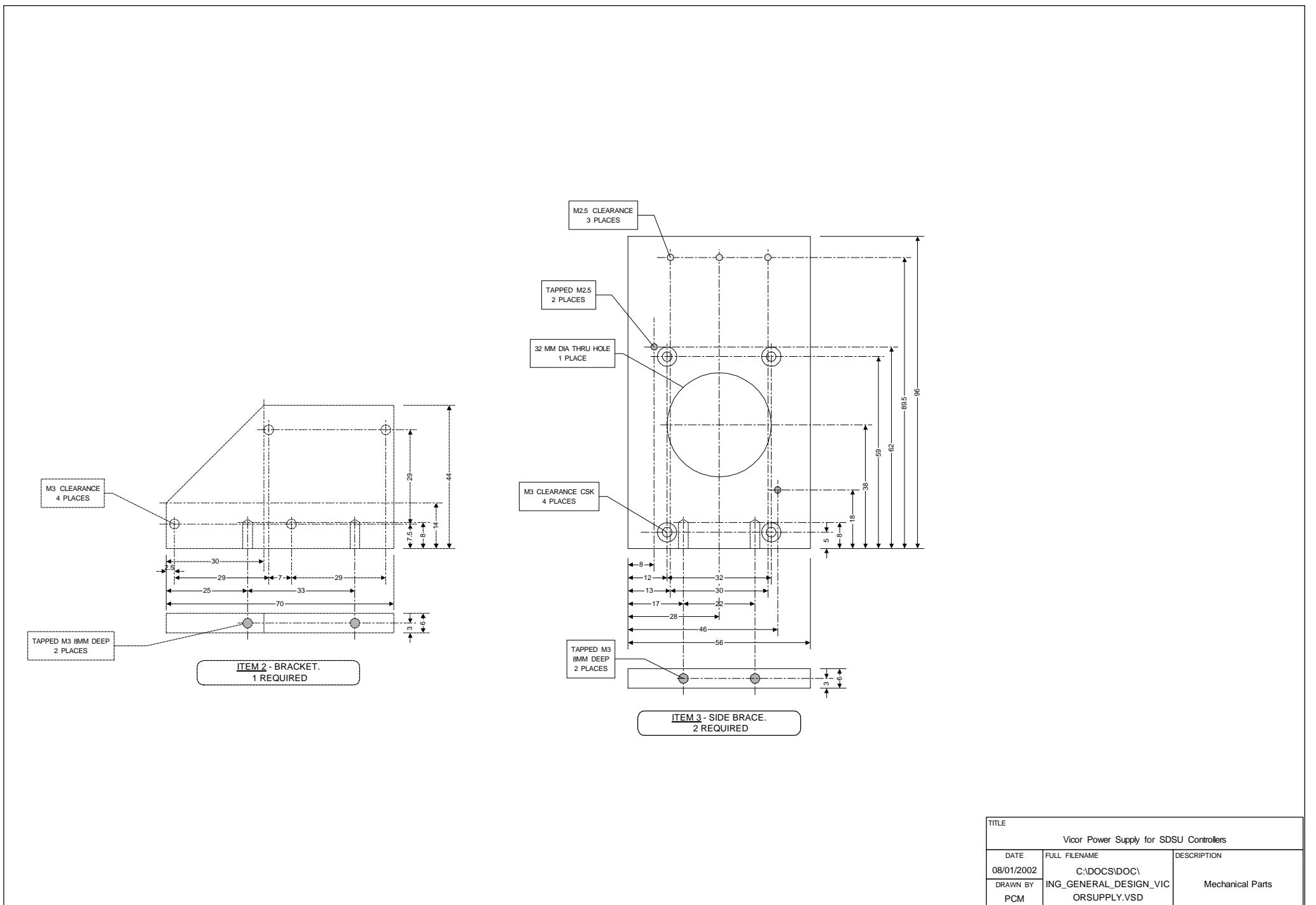


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Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
08/01/2002	C:\DOCS\DOC\	
DRAWN BY	ING_GENERAL_DESIGN_VIC	Mechanical Layout
PCM	ORSUPPLY.VSD	



ITEM 1 - MOUNT PLATE.  
2 REQUIRED

TITLE		
Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
08/01/2002	C:\DOCS\DOC\	
DRAWN BY	ING_GENERAL_DESIGN_VIC	Mechanical Parts
PCM	ORSUPPLY.VSD	



TITLE		
Vicor Power Supply for SDSU Controllers		
DATE	FULL FILENAME	DESCRIPTION
08/01/2002	C:\DOCS\DOC\	
DRAWN BY	ING_GENERAL_DESIGN_VIC	Mechanical Parts
PCM	ORSUPPLY.VSD	