

PROPRIETARY DATA:

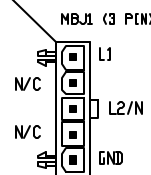
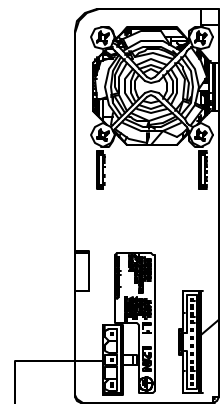
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NOTE: A DETAILED DESIGN GUIDE IS AVAILABLE @ www.vicorpower.com

REV		DESCRIPTION	DATE	APPROVED
1030	A	PRODUCTION RELEASE	31/08/01	R.M.E.
1137	AL	CHANGED PICTURE	02/21/02	R.M.E.
1289	B	ADD HI POWER KIT AND CHG AC INPUT PINS TO 12AMP	07/31/03	LGK
1392	B1	UPDATED DWG TO REFLECT NEW MODEL	8/5/04	RME

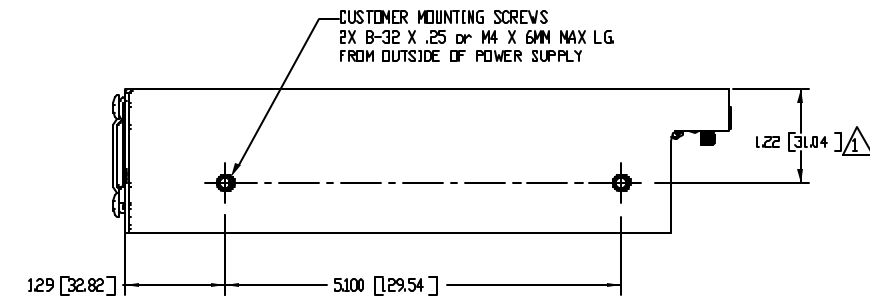
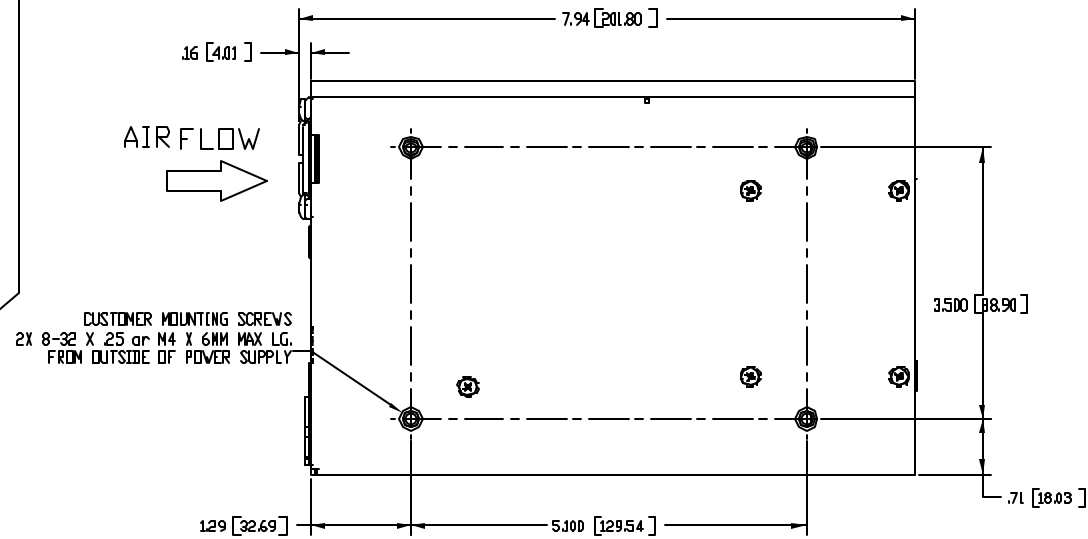
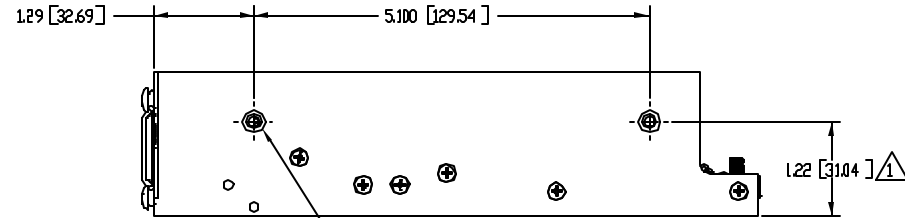
CB E/D INTERFACE CONNECTOR 4 5
 MATING CONNECTOR:
 HOUSING: MOLEX (50-57-9412)
 SOCKET CRIMP 24-30 AWG: MOLEX (16-02-0097)
 CRIMP TOOL: MOLEX (11-01-0209)

PIN	DESCRIPTION
1	SGND
2	PGR
3	ACDK
4	ED6
5	ED5
6	ED4
7	ED3
8	ED2
9	ED1
10	GSD
11	PGDV
12	+5 VS



MBJ1 A/C INPUT
 MATING CONNECTOR:
 HOUSING: MOLEX (39-01-4051)
 SOCKET CRIMP 12 AMP 16 AWG: MOLEX (44476-3112)
 CRIMP TOOL: MOLEX (11-01-0199)

- NOTES: UNLESS OTHERWISE SPECIFIED
- 1 DIMENSIONS SHOWN ARE FROM BOTTOM SURFACE. MOUNTING PENNUTS EXTEND .010 PAST BOTTOM SURFACE.
 - 2 ED4 THRU 6 ARE NOT USED.
 - 3 ED / REFERENCE DESIGNATION LEGEND
 MB = MOTHER BOARD
 CB = CONTROL BOARD
 SI = DAUGHTER BOARD MODULES ED 1 THRU 3
 - 4 CONNECTOR PART NUMBERS SPECIFIED ARE MOLEX, EQUIVALENT PARTS MAY BE USED.
 - 5 A COMPLETE SET OF MATING CONNECTORS CAN BE PURCHASED FROM WESTCOR BY SPECIFYING CONNECTOR KIT P/N 19-130044 A KIT CONTAINING 40 EA OF THE HI POWER 12 AMP 16 AWG CRIMP PINS IS P/N 19-130050.

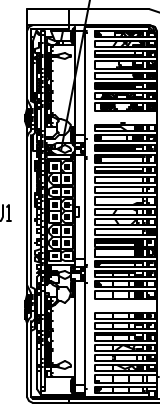


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SIJ1 REMOTE SENSE/OUTPUT CONNECTORS

MATING CONNECTORS:
 16 PIN HOUSING: MOLEX (39-01-2160)
 SOCKET CRIMP 9AMP 18-24 AWG: MOLEX (30-00-0039)
 CRIMP TOOL: MOLEX (11-01-0197)
 SIJ1 (16 PIN, TRIPLE MICRO MODULES)

PIN DESCRIPTION	PIN DESCRIPTION
1 ** +V OUT M3	9 ** +V OUT M3
2 ** -V OUT M3	10 ** -V OUT M3
3 TRIM M3	11 N/C
4 ** +V OUT M2	12 ** +V OUT M2
5 ** -V OUT M2	13 ** -V OUT M2
6 TRIM M2	14 TRIM M1
7 ** +V OUT M1	15 ** +V OUT M1
8 ** -V OUT M1	16 ** -V OUT M1

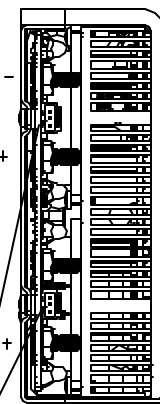


TRIPLE MICRO MODULES
 -REMOTE SENSE
 +REMOTE SENSE
 TRIM PIN

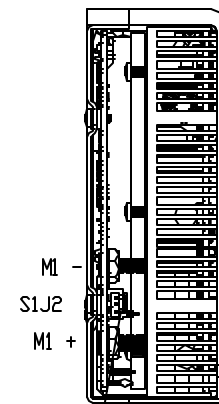
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SIJ3/J6 REMOTE SENSE/TRIM PIN ACCESS CONNECTOR

MATING CONNECTOR:
 HOUSING: MOLEX (50-57-9403)
 SOCKET CRIMP 24-30 AWG: MOLEX (16-02-0103)
 CRIMP TOOL: MOLEX (11-01-0208)



M1 -
 SIJ3
 M1 +
 M2 -
 SIJ6
 M2 +



M1 -
 SIJ2
 M1 +
 -REMOTE SENSE
 +REMOTE SENSE
 TRIM PIN

4 5

SIJ2 REMOTE SENSE/TRIM PIN ACCESS CONNECTOR

MATING CONNECTOR:
 HOUSING: MOLEX (50-57-9403)
 SOCKET CRIMP 24-30 AWG: MOLEX (16-02-0103)
 CRIMP TOOL: MOLEX (11-01-0208)

ITEM NO.	PART OR IDENTIFYING NO.	QUANTITY	DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/32 ± .005 ± .01 ± 1/2					
MATERIAL		FINISH		DRAWN: 12/4/01	
NEXT ASSY		USED IN		CHECKED: 12/4/01	
APPLICATION		DO NOT SCALE DRAWING		APPROVED: [Signature]	

WESTCOR a division of VICOR Corp.

OUTLINE DRAWING PFC MICRO-S

08-130112-01

SCALE: 1:1 FILENAME: 08-130112-01 SHEET 1 OF 1