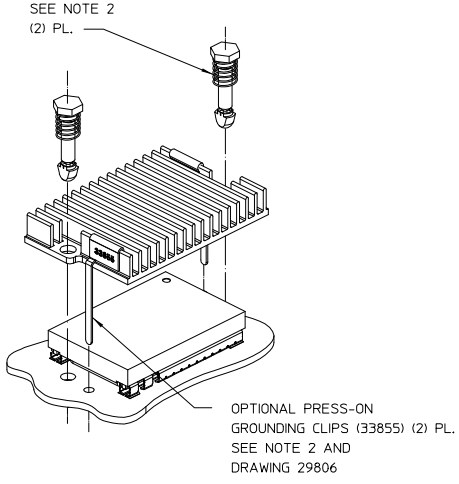
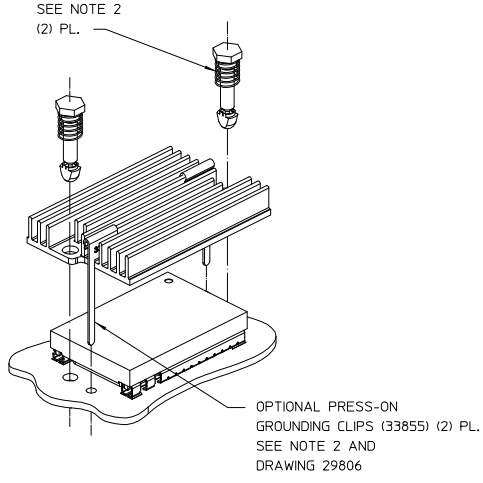
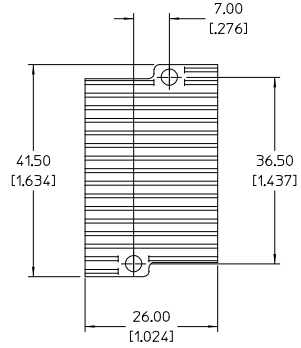
REV.	DESCRIPTION		DATE	APVD
1	RELEASED PER E053460	LEK	12/08/05	RT
2	REVISED PER E063752	PEI	03/29/06	RT
3	REVISED PER E063923	GCK	5/25/06	RT
4	REVISED PER E071489	JS	07/19/07	REJH
5	REVISED PER E072325	JS	09/25/07	REJH
6	REVISED PER E080727	SA	4/9/08	REJH
7	REVISED PER E100891	GCK	7/8/10	REJH



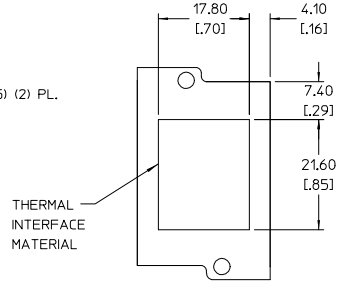
ISO ASSY REF ONLY
X–FLOW



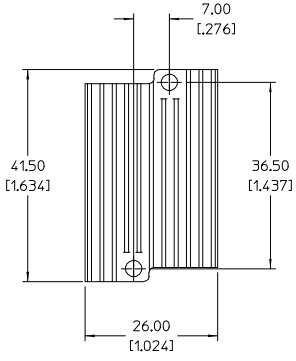
ISO ASSY REF ONLY
LONGITUDINAL FLOW



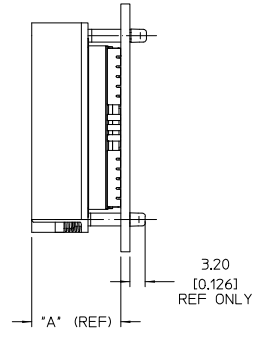
X–FLOW (XF)
(HEAT SINK ONLY SHOWN)



BOTTOM VIEW
(HEATSINK AND THERMAL
INTERFACE MATERIAL ONLY)



LONGITUDINAL FLOW (LF)
(HEAT SINK ONLY SHOWN)



J–LEAD MOUNT

NOTES:

1. FOR PCB LAYOUT SEE VICOR APPLICATION DRAWING 29806 FOR J-LEAD MOUNT V•I CHIP.

2. PUSH-PIN INSTALLATION:

   TO MINIMIZE STRESS IN THE VIC-TO-PCB SOLDER CONNECTIONS, PRESS THE PUSH-PINS THROUGH THE HOLES ON THE HEATSINK AND PRESS THE OPTIONAL GROUNDING CLIPS (33855) ONTO THE HEATSINK FINS PRIOR TO HEATSINK INSTALLATION ON THE VIC.

   ALIGN THE GROUNDING CLIPS TO THE PCB. PLACE THE HEATSINK ASSEMBLY ON THE SURFACE OF THE VIC, AND PRESS THE PUSH-PINS THROUGH THE HOLES ON THE PCB. IT IS CRITICAL TO SUPPORT THE UNDERSIDE OF THE PCB AT EACH HOLE LOCATION TO AVOID FLEXING THE PCB DURING PUSH-PIN INSTALLATION. SOLDER GROUNDING TABS TO PCB.

   CARE SHOULD BE TAKEN TO AVOID FULLY COMPRESSING THE PUSH-PIN SPRINGS DURING INSTALLATION AS THIS WOULD EXPOSE THE VIC TO FORCES GREATER THAN THE RECOMMENDED LIMIT OF 3 LBF (13.3 N) PER PUSH-PIN.

3. RoHS COMPLIANT PER CST -0001 LATEST REVISION

PUSH–PIN FOR VI–CHIP HEATSINK CHART

PUSH-PINS W/ SPRINGS (100/BAG)	COLOR	PCB THK NOMINAL RANGE	PCB THK MINIMUM	PCB THK MAXIMUM
32434	WHITE	1.30 TO 1.75 MM [.051"] TO [.069"]	1.168 MM [.046"]	1.956 MM [.077"]
32435	BLACK	1.78 TO 2.64 MM [.070"] TO [.104"]	1.600 MM [.063"]	2.921 MM [.115"]
32436	BLUE	2.67 TO 3.35 MM [.105"] TO [.132"]	2.388 MM [.094"]	3.706 MM [.146"]
32437	GRAY	3.38 TO 3.96 MM [.133"] TO [.156"]	3.048 MM [.120"]	4.369 MM [.172"]

HEATSINK CHART

HEAT SINK HEIGHT	XF P/N	XF "A" DIM	LF P/N	LF "A" DIM
11MM	34072	17.83/[.702]	34074	17.83/[.702]
6.3MM	34073	13.13/[.517]	34075	13.13/[.517]

DRAWN BY	DATE
D.CYGNAR	7/27/06

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MM [INCH] TOLERANCES ARE: DECIMALS ANGLES X.X [X.XX] = ±0.25 [0.01] X.XX [X.XXX] = ±0.07 [0.005] ±1°
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

VICOR

ASSEMBLY DWG.
VIC PUSH PIN HEATSINK

SIZE	CAGE CODE	DWG NO	REV
D	67131	30553	7

SCALE 2:1 SHEET 1 OF 1

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