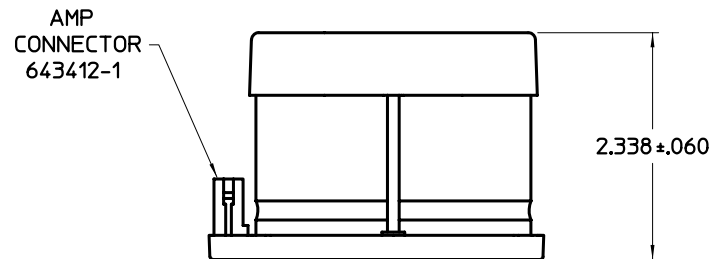
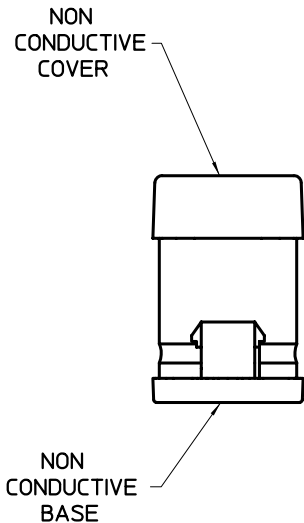
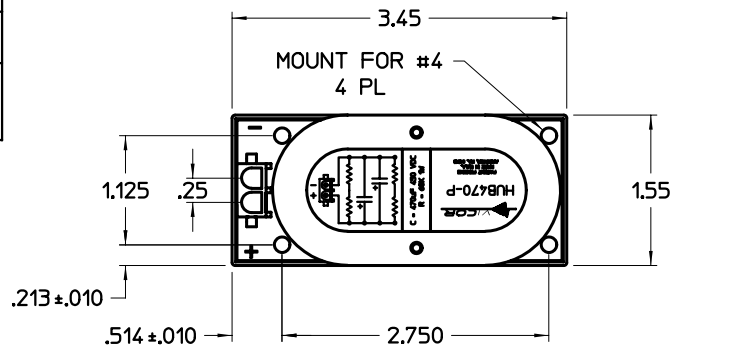


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| REV. | DESCRIPTION          | DATE        | APPROVED |
|------|----------------------|-------------|----------|
| 01   | RELEASED PER E980365 | DPK 9/14/98 | RCM      |
| 02   | REVSD- E980451       | RCM 12/1/98 | DPK      |
| 03   | REVSD PER E990386    | AK 9/14/99  | RCM      |
| 04   | REVSD PER E990450    | RCM 3/6/00  | DPK      |

| VICOR<br>HUB<br>PART NO. | MATING CONNECTOR   |                 |                             |
|--------------------------|--------------------|-----------------|-----------------------------|
|                          | ORDER FROM:<br>AMP |                 | ORDER FROM:<br>VICOR        |
|                          | HOUSING<br>(QTY 1) | PINS<br>(QTY 2) | HOUSING/PINS KIT<br>(QTY 1) |
| HUB470-P                 | 770017-1           | 770248-1        | 21395                       |



| AT +105°C, 120HZ UNLESS OTHERWISE NOTED |                          |      |      |      |      |
|-----------------------------------------|--------------------------|------|------|------|------|
| ITEM                                    | CHARACTERISTICS          |      |      |      |      |
| OPERATING TEMPERATURE                   | -25 to +105°C            |      |      |      |      |
| CAPACITANCE TOLERANCE @+20°C            | ±20%                     |      |      |      |      |
|                                         | AMBIENT TEMPERATURE (°C) |      |      |      |      |
|                                         | +45                      | +60  | +70  | +85  | +105 |
| RIPPLE CURRENT MULTIPLIER               | 2.64                     | 2.23 | 2.12 | 1.73 | 1.00 |
| DISSIPATION FACTOR @ +20°C              | 0.1                      |      |      |      |      |
| RATED VOLTAGE (WVDC)                    | 200                      |      |      |      |      |
| CAPACITANCE VALUE (C1, C2 EA. uF)       | 470                      |      |      |      |      |
| MAXIMUM ESR (OHMS) @ +20°C              | 0.529                    |      |      |      |      |
| MAXIMUM RIPPLE CURRENT (A rms)          | 1.72                     |      |      |      |      |

|                                                                                                                                          |  |                  |                          |                                                                                                                                     |                  |
|------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------|
| DRAWN BY<br>D.CYNAR                                                                                                                      |  | DATE<br>4/2/98   |                          | <br><b>OUTLINE DRAWING,</b><br><b>HUB470-P</b> |                  |
| <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XXX ±.01 .X ±.005 .X° ±1°</small> |  |                  |                          |                                                                                                                                     |                  |
| THIRD ANGLE PROJECTION                                                                                                                   |  | SIZE<br><b>C</b> | PSCH NO.<br><b>67131</b> | DWG NO.<br><b>16769</b>                                                                                                             | REV<br><b>04</b> |
| DO NOT SCALE DRAWING                                                                                                                     |  | SCALE<br>FULL    | SHEET 1 OF 1             |                                                                                                                                     |                  |