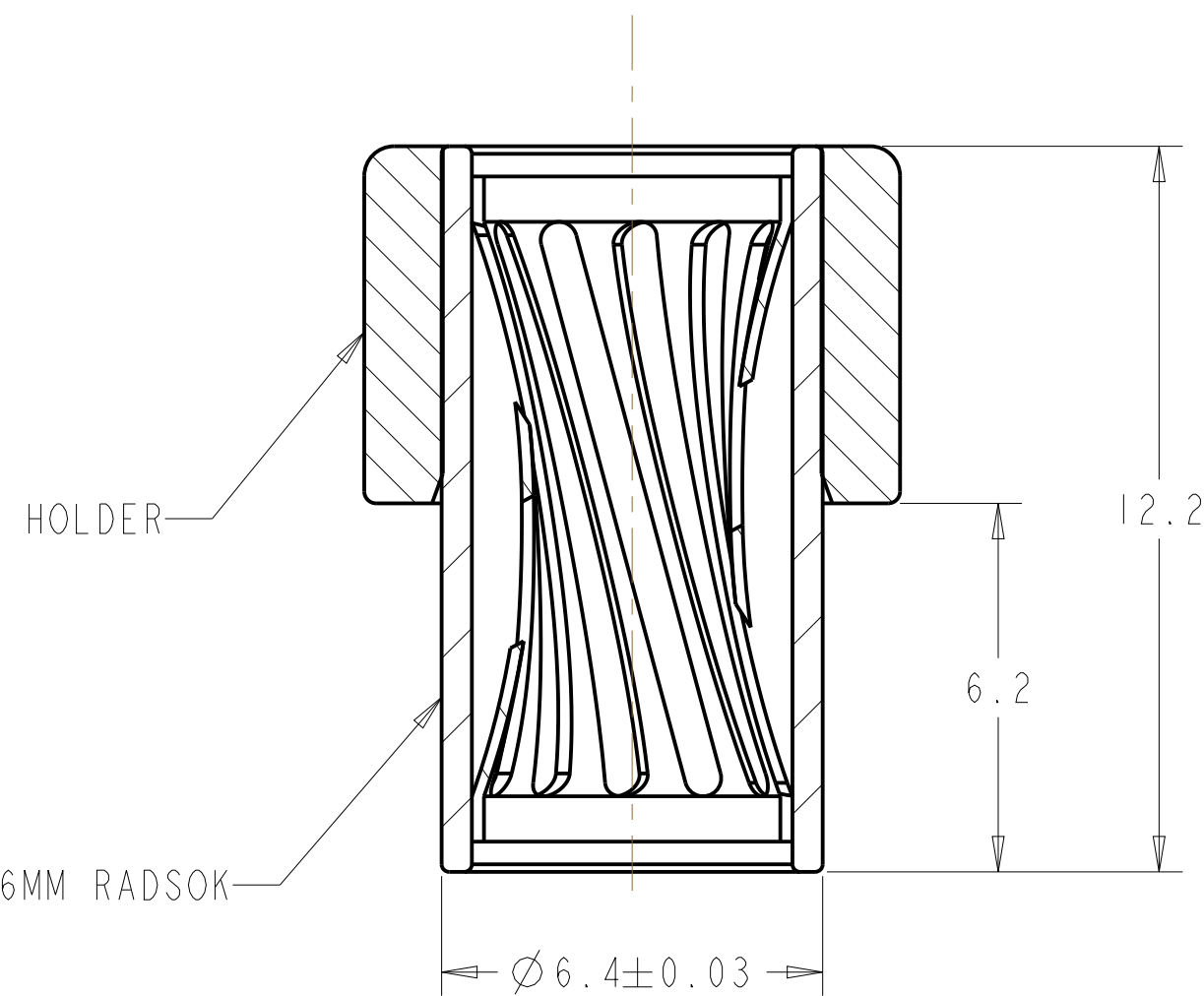
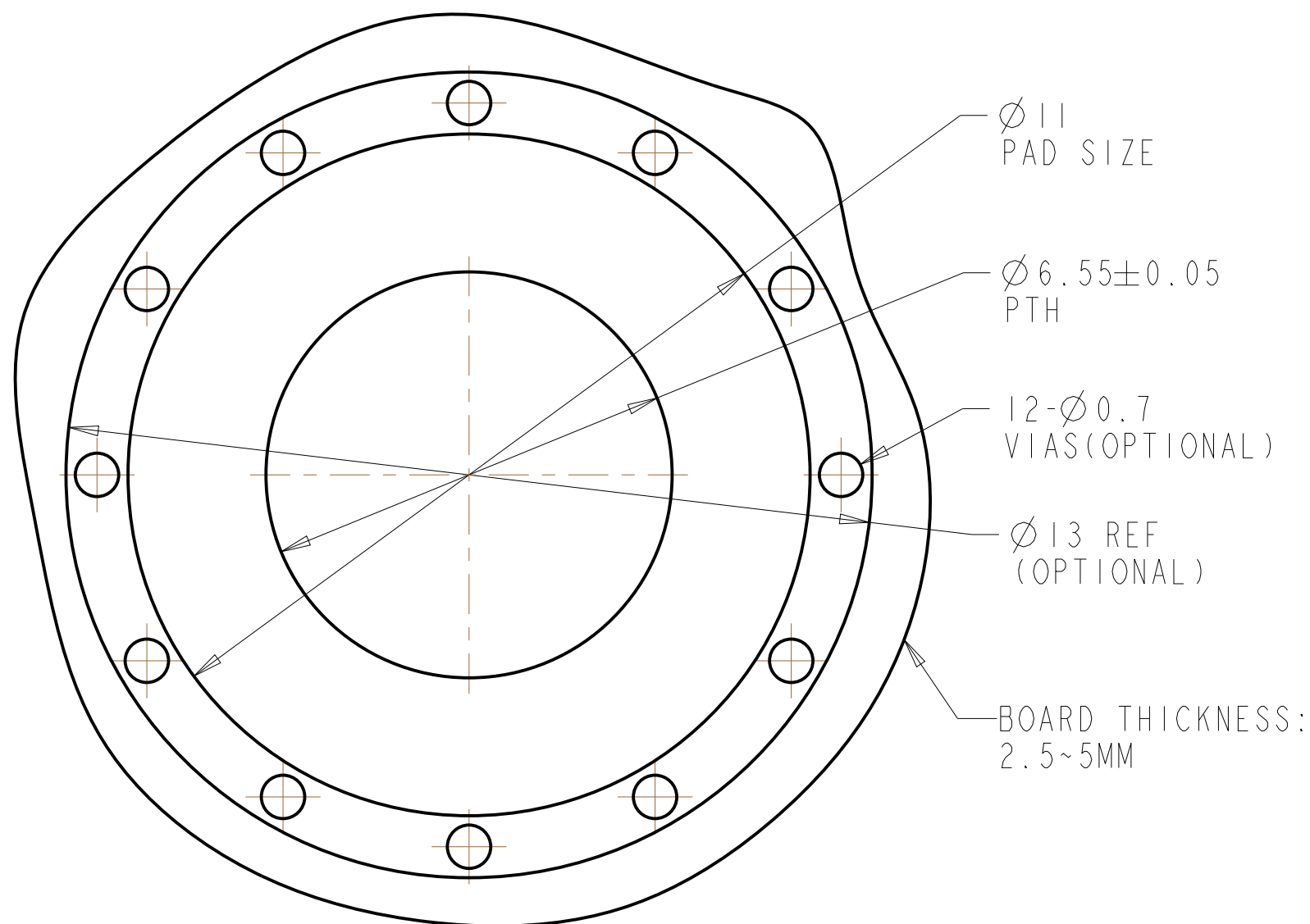
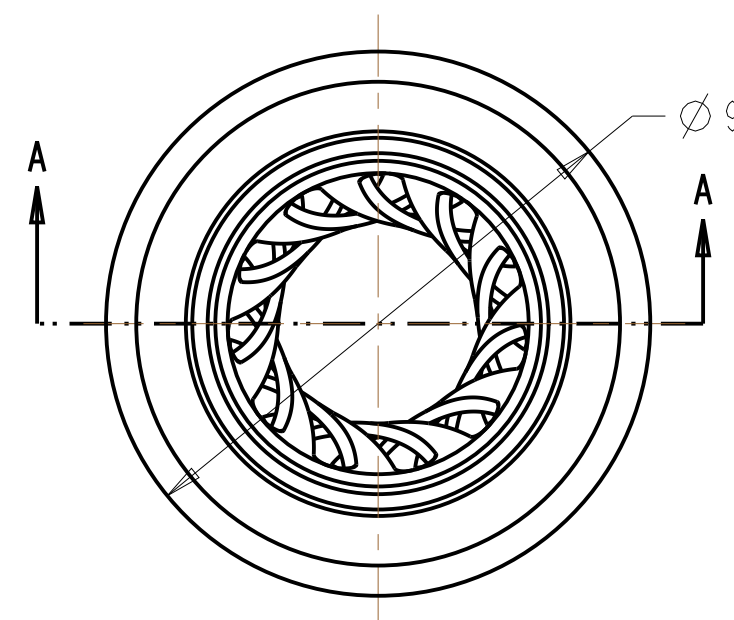
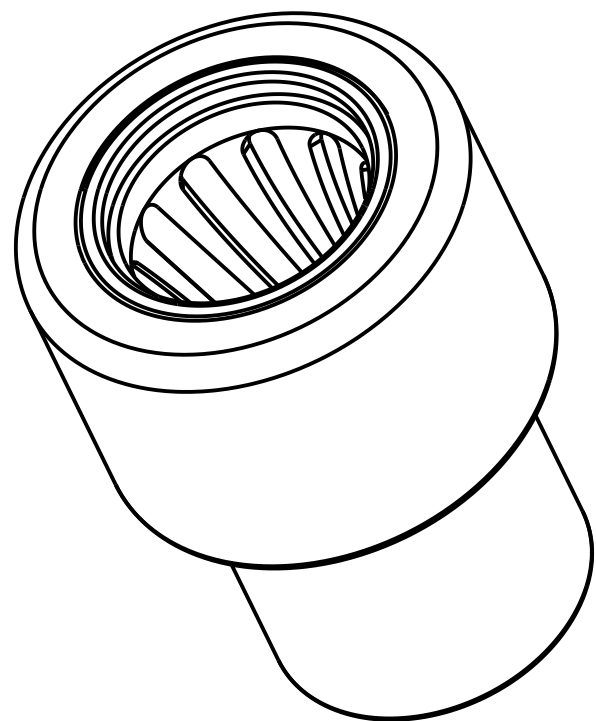


|           |                   |                 |                                |  |
|-----------|-------------------|-----------------|--------------------------------|--|
| D<br>REV. | SHEET 1 OF 1      |                 | 100-783627-001<br>DOCUMENT NO. |  |
|           | REVISIONS         |                 |                                |  |
|           | LTR               | DESCRIPTION     | DATE                           |  |
|           | A                 | INITIAL RELEASE | 2013-7-15                      |  |
|           | B                 | DESIGN CHANGE   | 2013-7-25                      |  |
| C         | UPDATE PCB LAYOUT | 2013-7-26       |                                |  |
| D         | ADD Ø11 FOR PAD   | 2013-7-26       |                                |  |

## GENERAL TOLERANCE

|                   |                |                   |                    |                      |                       |
|-------------------|----------------|-------------------|--------------------|----------------------|-----------------------|
| <b>DIM. RANGE</b> | <b>0.5 ~ 3</b> | <b>&gt; 3 ~ 6</b> | <b>&gt; 6 ~ 30</b> | <b>&gt; 30 ~ 120</b> | <b>&gt; 120 ~ 400</b> |
| <b>TOLERANCE</b>  | <b>±0.1</b>    | <b>±0.1</b>       | <b>±0.2</b>        | <b>±0.3</b>          | <b>±0.5</b>           |

## CUSTOMER DRAWING



SECTION A-A  
SCALE 8.000

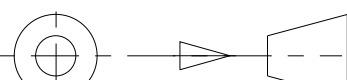
## RECOMENDED PCB LAYOUT

2. SPEC INFO:  
SOCKET MATES WITH A 3.6MM NOMINAL PIN,  
RATED CURRENT: 70A,  
COPPER ALLOY BASE MATERIAL WITH SILVER  
200~300u'' SURFACE FINISH OVER 20u'' MIN NI BARREL.  
REFLOW SOLDERING ONLY.

**NOTES:** 1. THE REFERENCED PRODUCT MEETS COMPLIANCE TO THE MAXIMUM CONTRADICTION VALUES (MCVS) SET FORTH IN THE 2009/125/EC AMENDMENT TO 2011/65/EC RoHS DIRECTIVE.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND  
SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR  
ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES  
WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

|                 |                                          |
|-----------------|------------------------------------------|
| N/A             |                                          |
| NEXT ASSEMBLY   | PRO/ENGINEER INFORMATION                 |
| METRIC DOCUMENT | Pro/e Model Used:<br>10-729387-001.ASSEM |
|                 | Drawing Name:<br>10-729387-001-D         |

|                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                                                       |                       |             |                                                                                                                                      |                                      |                                      |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|-----------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|------------------|
| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                                                                                                           | SPECIFICATIONS         | POS                                                                                   | QTY                   | PART NUMBER | DESCRIPTION                                                                                                                          | NOTE                                 |                                      |                  |
| LINEAR DIMENSIONS ARE IN:<br><b>MILLIMETERS</b><br>TOLERANCES:<br>ANGLES: ±2°<br>DEFAULT LINEAR TOLERANCES SEE TABLE<br><br>-----<br>DIM. & TOL. PER ASME Y14.5M-1994;<br>DRM PER MIL-DTL-31000;<br>OTHER AMPHENOL STANDARDS: 9-9318<br><br>LEGENDS:<br> = FLAG NOTE CALL OUT<br>REFERENCE ONLY | MATERIAL SPEC.         | APPROVALS                                                                             |                       | DATE        | <b>AMPHENOL INDUSTRIAL OPERATIONS</b><br>Amphenol Technology(Zhuhai)Co.,Ltd<br>No.63, Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC |                                      |                                      |                  |
|                                                                                                                                                                                                                                                                                                                                                                                      | N/A                    | PREPARED BY                                                                           | CHRIS LI              | Jul-15-13   |                                                                                                                                      |                                      |                                      |                  |
|                                                                                                                                                                                                                                                                                                                                                                                      | -                      | ENGINEER IN CHARGE                                                                    | CHRIS LI              |             |                                                                                                                                      |                                      |                                      |                  |
|                                                                                                                                                                                                                                                                                                                                                                                      | -                      | DESIGN MANAGER                                                                        | RAN XIAO              |             |                                                                                                                                      |                                      |                                      |                  |
|                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                                                                       | DESIGN ACTIVITY GROUP |             | C&I                                                                                                                                  | <b>ST 3.6MM RADsert, SOLDER TYPE</b> |                                      |                  |
| PROCESS SPEC.                                                                                                                                                                                                                                                                                                                                                                        | THIRD ANGLE PROJECTION |                                                                                       |                       |             |                                                                                                                                      |                                      |                                      |                  |
|                                                                                                                                                                                                                                                                                                                                                                                      | N/A                    |  |                       |             | SIZE<br><b>C</b>                                                                                                                     | CAGE CODE<br><b>77820</b>            | DOCUMENT NO.<br><b>10-729387-001</b> | REV.<br><b>D</b> |
|                                                                                                                                                                                                                                                                                                                                                                                      | -                      |                                                                                       |                       |             | SCALE: 7.0                                                                                                                           |                                      | REF.                                 | SHEET 1 OF 1     |
|                                                                                                                                                                                                                                                                                                                                                                                      | -                      |                                                                                       |                       |             |                                                                                                                                      |                                      |                                      |                  |