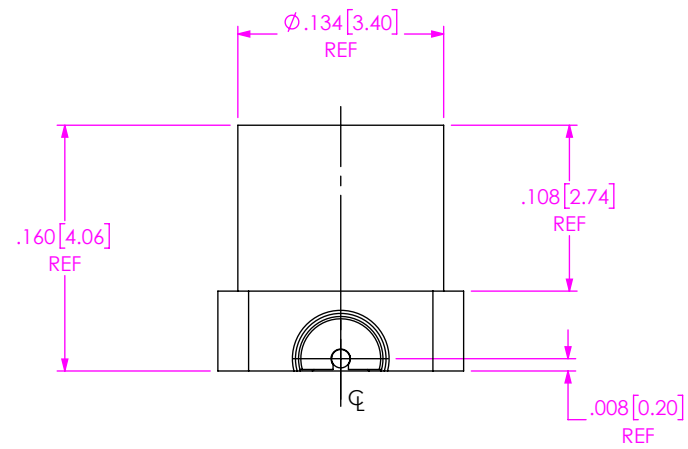
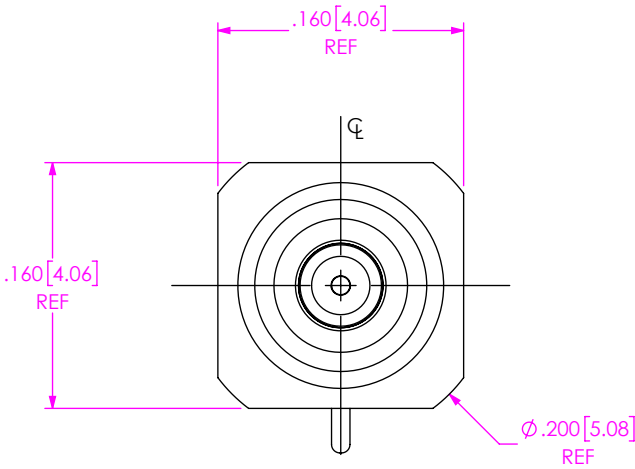


DO NOT  
SCALE FROM  
THIS PRINT



SMPM-PS-P-XX-ST-SM-1

GENDER  
-PS: PLUG SMOOTH BORE

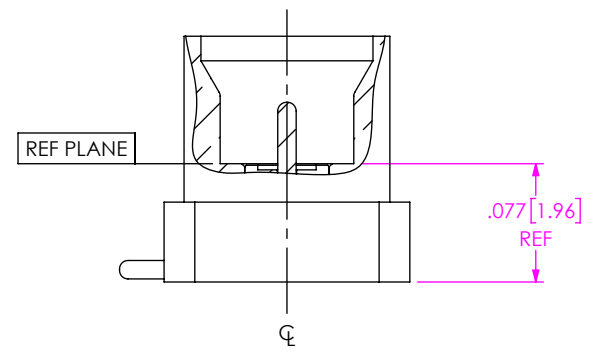
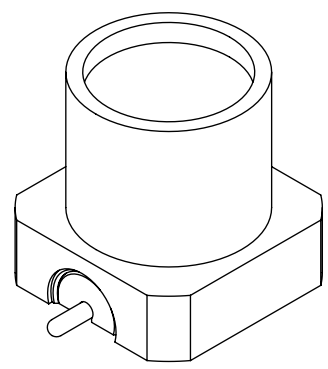
TYPE  
-P: PCB

FINISH  
-EG: 50µ" HEAVY GOLD CENTER CONTACT,  
10µ" GOLD OUTER BODY

OPTION  
-1

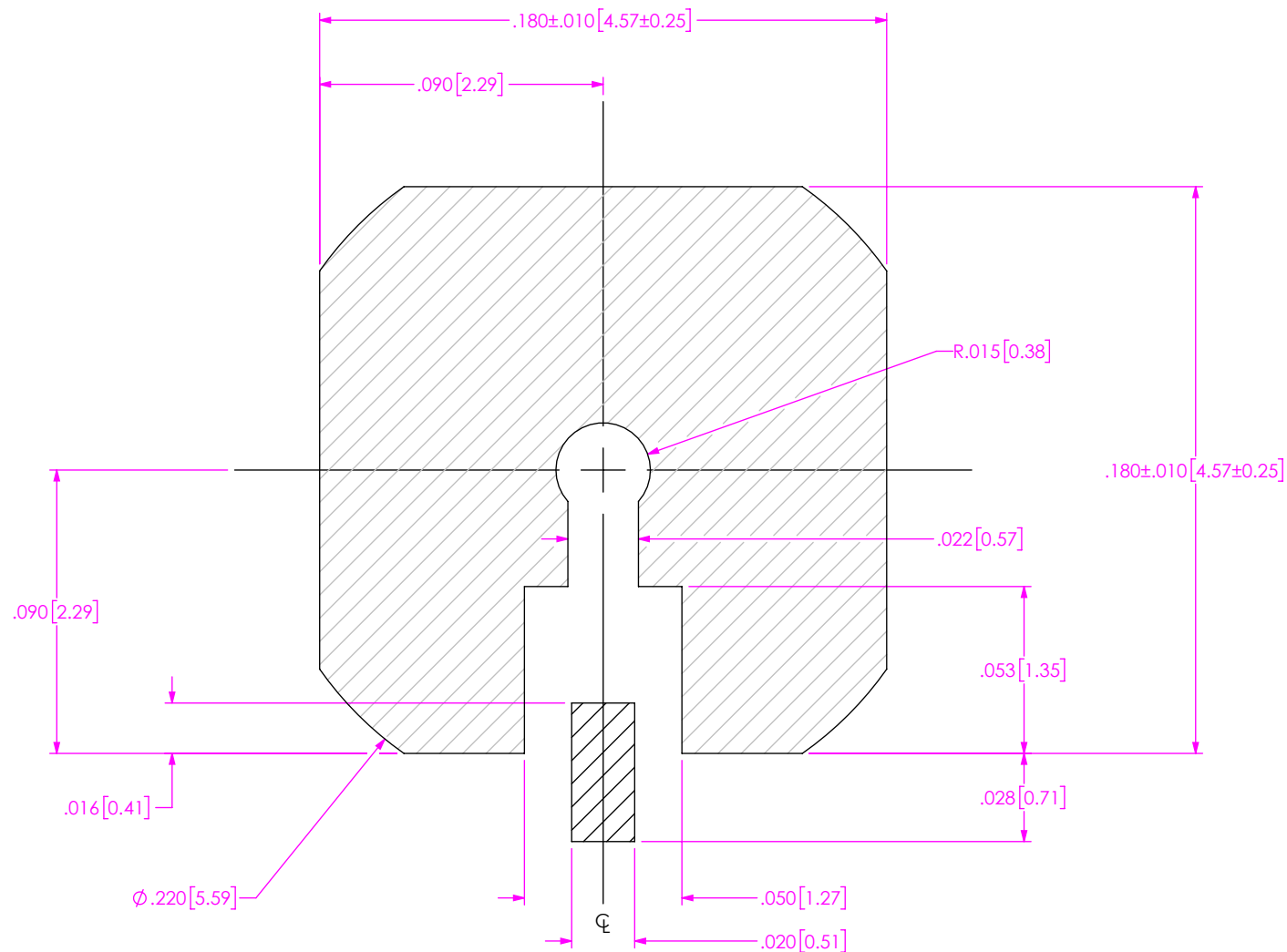
TERMINATION  
-SM: SURFACE MOUNT

ORIENTATION  
-ST: STRAIGHT



- NOTES:
- 1. MATERIAL:  
BEADS: VICTREX POLYMER.  
CONTACT: BERYLLIUM COPPER.  
BODY: BRASS ALLOY.
  - 2. FINISH:  
CONTACT, FERRULE, OUTER CONTACT:  
-E: GOLD OVER NICKEL PLATE, 50-100 µIN MIN GOLD OVER 50-100 µIN MIN NICKEL.  
-G: GOLD OVER NICKEL PLATE, 10-30 µIN MIN GOLD OVER 50-100 µIN MIN NICKEL.

|                                                                                                                                                                                                                                                                  |        |                                               |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------|--------|-----------|----|-------------|--|---------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.</p> <p>TOLERANCES ARE:</p> <table><tr><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>.XX: ±.01</td><td>1°</td></tr><tr><td>.XXX: ±.002</td><td></td></tr><tr><td>.XXXX: ±.0005</td><td></td></tr></table> |        | DECIMALS                                      | ANGLES | .XX: ±.01 | 1° | .XXX: ±.002 |  | .XXXX: ±.0005 |  | <p><b>PROPRIETARY NOTE</b></p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p> | <p><b>samtec</b></p> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150<br/>PHONE: 812-944-6733 FAX: 812-948-5047<br/>e-Mail info@SAMTEC.com code 55322</p> |
| DECIMALS                                                                                                                                                                                                                                                         | ANGLES |                                               |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
| .XX: ±.01                                                                                                                                                                                                                                                        | 1°     |                                               |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
| .XXX: ±.002                                                                                                                                                                                                                                                      |        |                                               |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
| .XXXX: ±.0005                                                                                                                                                                                                                                                    |        |                                               |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
| <p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 8:1</p>                                                                                                                                                                                                              |        | <p>DESCRIPTION: PLUG, SURFACE MOUNT, SMPM</p> |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
|                                                                                                                                                                                                                                                                  |        | <p>DWG. NO. SMPM-PS-P-XX-ST-SM-1</p>          |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |
| <p>BY: ADAM H. 2/3/2020</p>                                                                                                                                                                                                                                      |        | <p>SHEET 1 OF 3</p>                           |        |           |    |             |  |               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                      |



### RECOMMENDED FOOTPRINT

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DO NOT SCALE DRAWING

SHEET SCALE: 18:1

**santec**

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e-Mail [info@SAMTEC.com](mailto:info@SAMTEC.com) code 55322

|              |  |
|--------------|--|
| DESCRIPTION: |  |
|--------------|--|

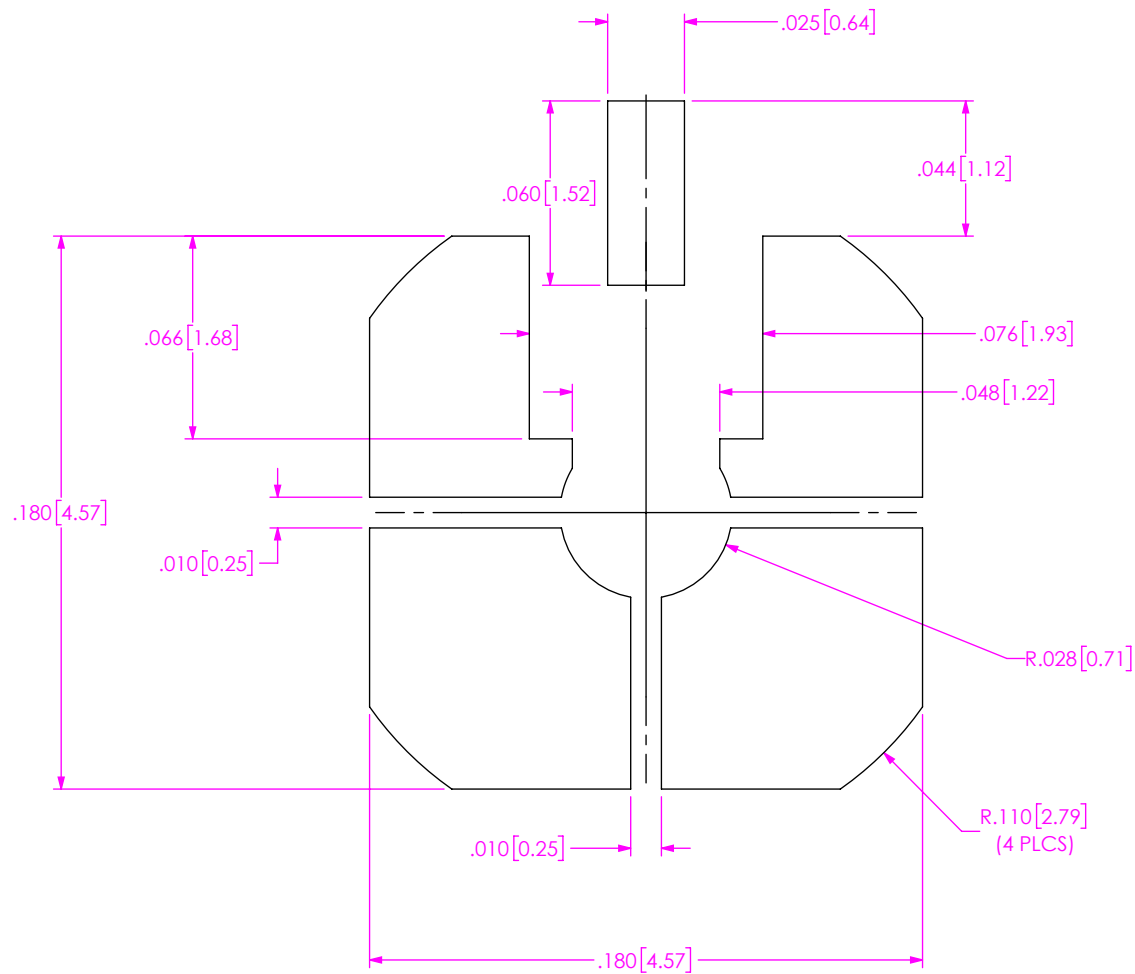
DWG. NO.

G. NO.  
SMPM-PS-P-XX-ST-SM-1

BY: ADAM H.

2/3/2020

SHEET 2 OF 3



RECOMMENDED STENCIL APERTURE LAYOUT

NOTES:  
1. RECOMMENDED STENCIL THICKNESS = .004".

|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                       |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
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| DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | DESCRIPTION:<br>PLUG, SURFACE MOUNT, SMPM                                                                                                                                                                             |                       |
| SHEET SCALE: 16:1                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | DWG. NO.<br>SMPM-PS-P-XX-ST-SM-1                                                                                                                                                                                      |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | BY: ADAM H.                                                                                                                                                                                                           | 2/3/2020 SHEET 3 OF 3 |