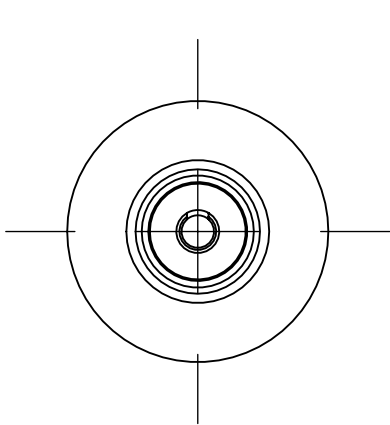
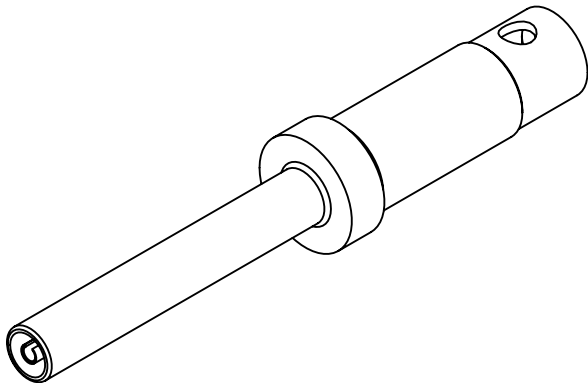
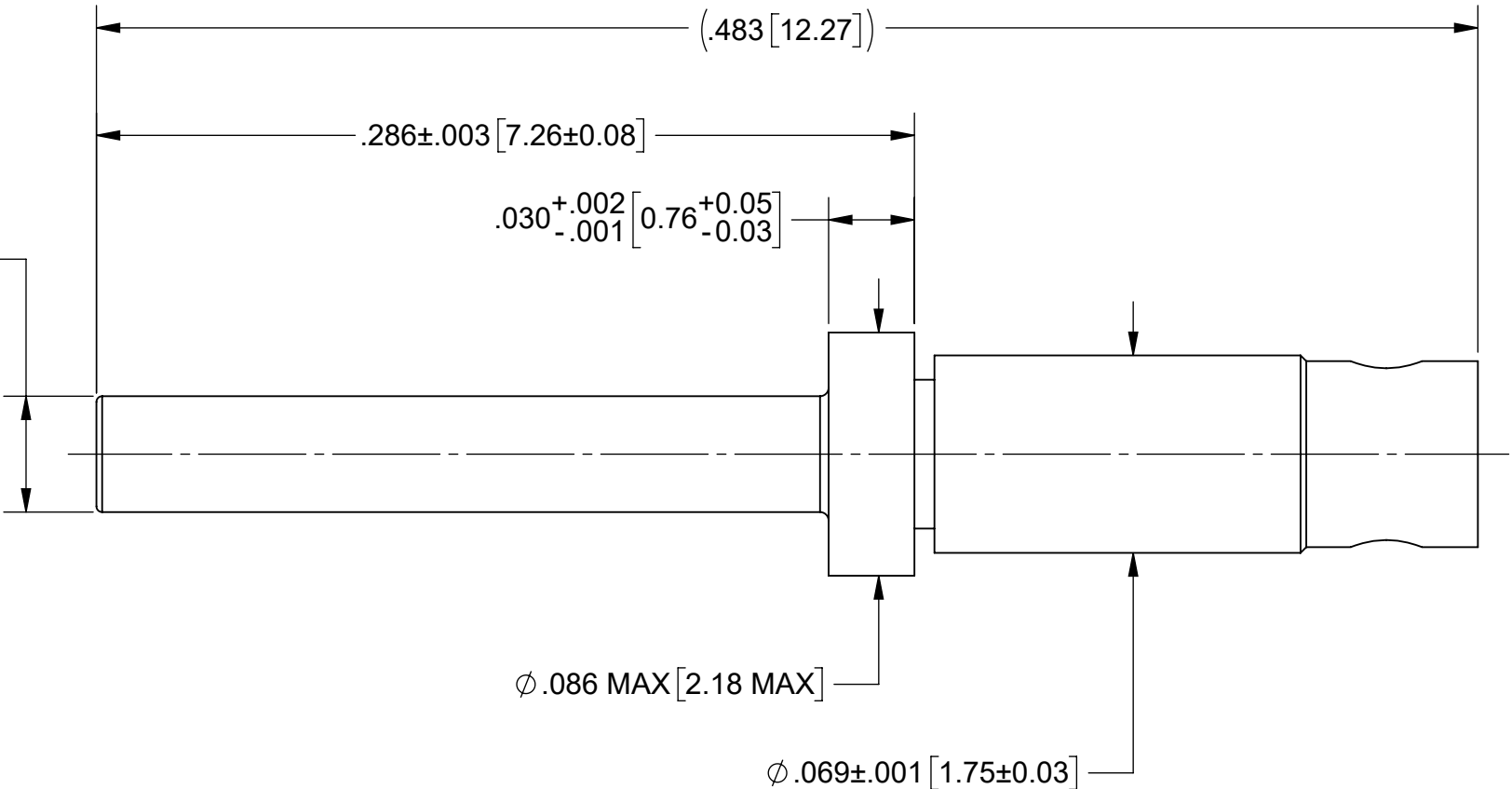


PRODUCT DATA DRAWING

| REVISION HISTORY |             |      |          |
|------------------|-------------|------|----------|
| REV              | DESCRIPTION | DATE | APPROVED |
| A                | 55097       | 8/24 | SEE PDM  |



$\phi .040 \pm .001$  [1.02±0.03]



MATERIAL:

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| BODY, FERRULE, & CONTACT: | BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04. |
| INSULATOR:                | PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.              |
| BEAD:                     | ULTEM 1000 PER ASTM D5205                                   |

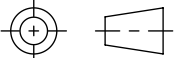
FINISH:

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| BODY, FERRULE, & CONTACT: | GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN. |
|---------------------------|------------------------------------------------------------------------------------------------------|

PERFORMANCE:

|              |                 |
|--------------|-----------------|
| IMPEDANCE:   | 50 OHMS         |
| FREQ. RANGE: | DC TO 40.0 GHz. |

- NOTES:
- DESIGNED FOR USE IN 2M AND SERIES 80 CIRCULAR CONNECTORS.
  - MATES TO 2051-60002.

|                                                                                                                                                                                                |                                                                                                                |                                                                                                                                                                                                                                                                                                                               |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| MATERIAL: SEE NOTES                                                                                                                                                                            | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$<br>X°X' $\pm 15'$ | UNLESS OTHERWISE SPECIFIED<br>1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .005 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63-MIL-STD-10.<br>6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | <br>www.svmicrowave.com |
| FINISH: SEE NOTES                                                                                                                                                                              | DECIMAL: .X $\pm .030$<br>.XX $\pm .010$<br>.XXX $\pm .005$                                                    | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                                                                                                                                                                                                                                                    |                                                                                                              |
| SURFACE AREA: N/A                                                                                                                                                                              | THIRD ANGLE PROJECTION                                                                                         | DRAWN: JPM 8/26/24                                                                                                                                                                                                                                                                                                            | TITLE: SV20 SIZE 20HD PIN CONTACT FOR .047 CABLE                                                             |
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED. |                           | CHECKED: SEE PDM                                                                                                                                                                                                                                                                                                              | SIZE B DWG. NO. 2041-40002                                                                                   |
|                                                                                                                                                                                                |                                                                                                                | APPROVED: SEE PDM                                                                                                                                                                                                                                                                                                             | SCALE: 16:1 SHEET 1 OF 1                                                                                     |