



## Launch Pin to Pin Contact with 0.012" Diameter Full Radius Pin with 0.159" Pin Length and Dielectric

### TECHNICAL DATA SHEET

PE1017-4

#### Configuration

| Description                   | Launch Pin to Pin Contact |
|-------------------------------|---------------------------|
| Pin Diameter, in [mm]         | 0.012 [0.31]              |
| Pin Length, in [mm]           | 0.159 [4.04]              |
| Contact Diameter, in [mm]     | 0.007 [0.18]              |
| Tab Size, in                  | 0.030                     |
| Contact Material and Plating  | Beryllium Copper Gold     |
| Contact Plating Specification | 40µ in minimum            |
| Dielectric Material           | PTFE                      |

#### Compliance Certifications (see product page for current document)

#### Plotted and Other Data

- Notes:
- Values at +25 °C, sea level

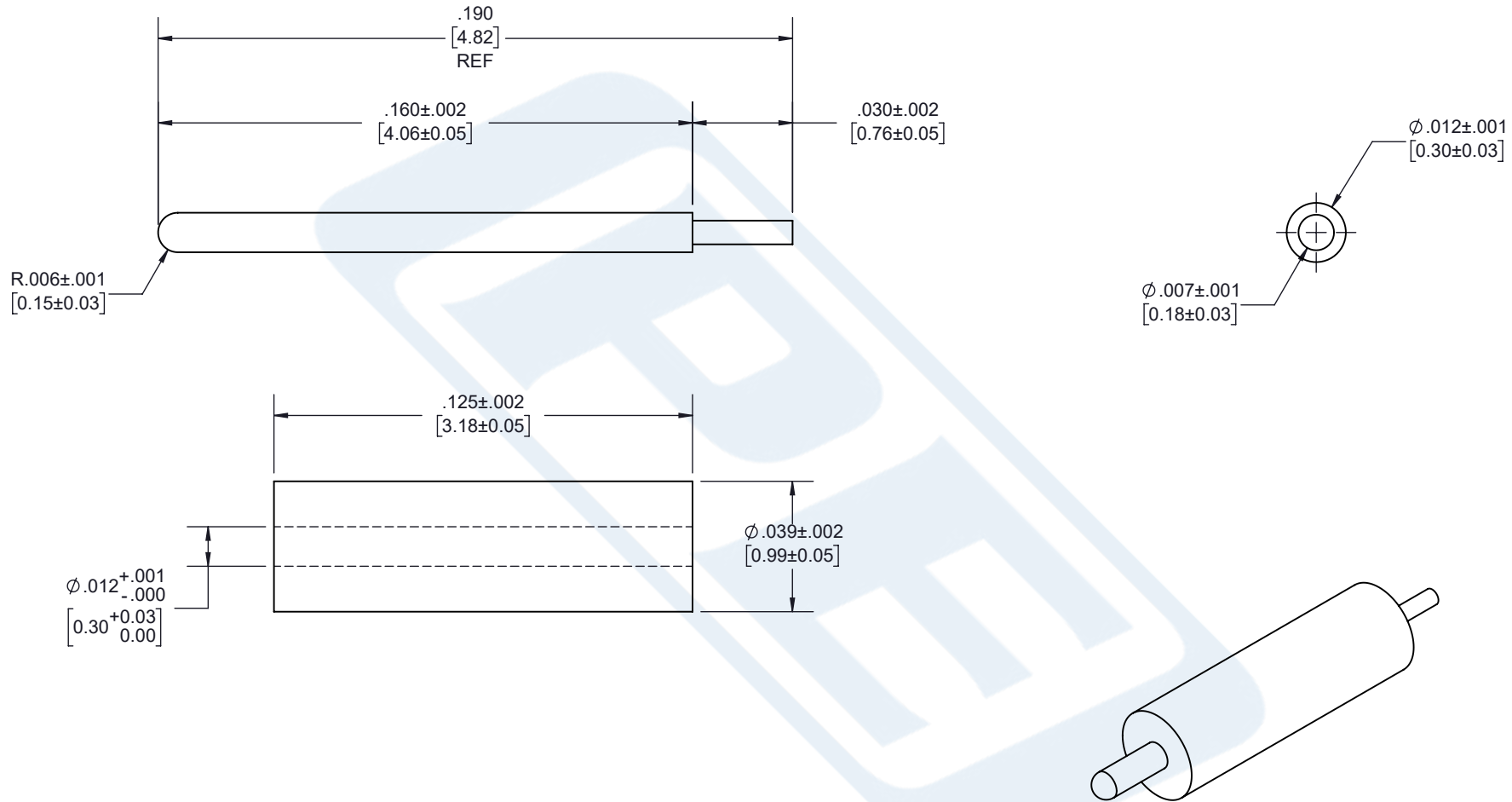
Launch Pin to Pin Contact with 0.012" Diameter Full Radius Pin with 0.159" Pin Length and Dielectric from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Launch Pin to Pin Contact with 0.012" Diameter Full Radius Pin with 0.159" Pin Length and Dielectric PE1017-4](#)

URL: <https://www.pasternack.com/hermetic-seal-solder-contact-0.011-pin-diameter-0.159-pin-pe1017-4-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

| REVISIONS |                 |           |          |
|-----------|-----------------|-----------|----------|
| REV.      | DESCRIPTION     | DATE      | APPROVED |
| A         | INITIAL RELEASE | 2/23/2021 | S.PONG   |



**PE1017-4 CAD Drawing**  
 Launch Pin to Pin Contact with 0.012" Diameter Full Radius  
 Pin with 0.159" Pin Length and Dielectric

**NOTES:**

- FINISH (PLATING THICKNESS IN MICRO-INCHES)
  - BERYLLIUM COPPER.
  - GOLD PL.40 MIN. OVER NICKEL-PHOSPHORUS ALLOY  
PL. 80 MIN. OVER COPPER PL. 20MIN.

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

**TOLERANCES:**

|                    |             |
|--------------------|-------------|
| .X = ±.2 [5.08]    | FRACTIONS   |
| .XX = ±.02 [.51]   | ± 1/32      |
| .XXX = ±.005 [.13] | ANGLES ± 1° |

**CABLE LENGTH (L) TOLERANCES:**

|                             |                 |
|-----------------------------|-----------------|
| L ≤ 12 [305]                | = +1 [25] / -0  |
| 12 [305] < L ≤ 60 [1524]    | = +2 [51] / -0  |
| 60 [1524] < L ≤ 120 [3048]  | = +4 [102] / -0 |
| 120 [3048] < L ≤ 300 [7620] | = +6 [152] / -0 |
| 300 [7620] < L              | = +5%L / -0     |

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

**PE PASTERNAK**  
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|      |           |          |          |     |
|------|-----------|----------|----------|-----|
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
| A    | 53919     | K.DANG   | PE1017-4 | A   |

THIRD-ANGLE PROJECTION

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|       |     |    |   |
|-------|-----|----|---|
| SHEET | 1   | OF | 1 |
| SCALE | N/A |    |   |