

Hermetic Seal for 0.012" (0.3mm) Field Replaceable Connector and 0.179" Pin Length**Configuration**

| | |
|-------------------------------|------------------------------|
| Description | Hermetic Seal Solder Contact |
| Isolated Ground / Hermetic | Hermetic |
| Pin Diameter, in [mm] | 0.012 [0.3] |
| Pin Length, in [mm] | 0.179 [4.55] |
| Body Diameter, in [mm] | 0.098 [2.49] |
| Body Length, in [mm] | 0.062 [1.57] |
| Contact Material and Plating | Kovar Gold |
| Contact Plating Specification | 50μ in minimum |
| Body Material and Plating | Glass Gold |
| Body Plating Specification | 50μ in minimum |

**Compliance Certifications** (see [product page](#) for current document)**Notes:**

- Values at 25 °C, sea level
- HERMETICITY 1E(-8) STD CC/SEC @1ATM

Hermetic Seal for 0.012" (0.3mm) Field Replaceable Connector and 0.179" Pin Length from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

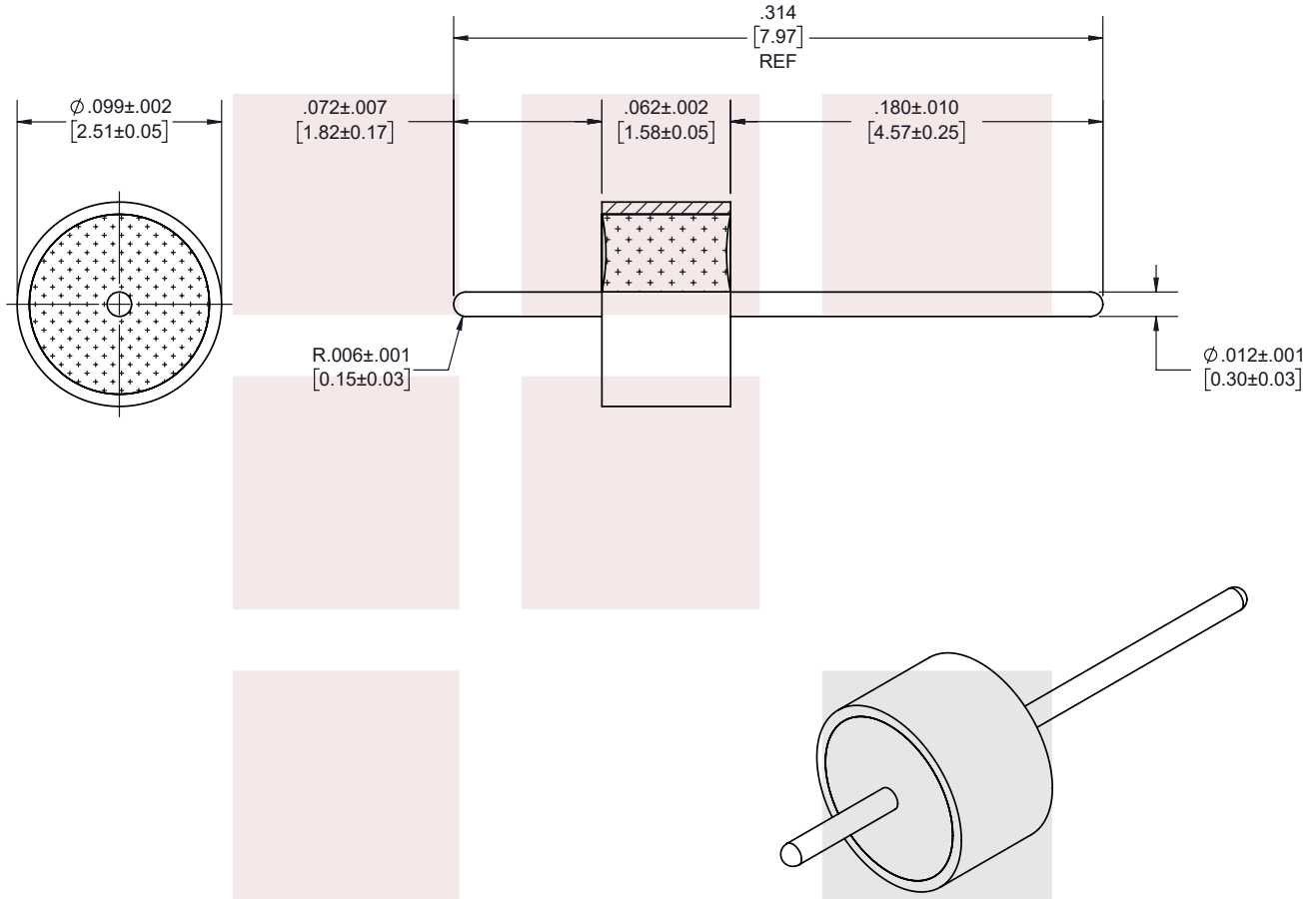
For additional information on this product, please click the following link: [Hermetic Seal for 0.012" \(0.3mm\) Field Replaceable Connector and 0.179" Pin Length FM1015-2](#)

URL: <https://www.fairviewmicrowave.com/hermetic-seal-solder-contact-0.011-pin-diameter-0.098-body-0.179-pin-fm1015-2-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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| REVISIONS | | | |
|-----------|-----------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 2/18/2021 | S.PONG |



NOTES:

- HERMETICITY 1E(-8) STD CC/SEC @1ATM.
- FINISH (PLATING THICKNESS IN MICRO-INCHES)
 - GLASS + KOVAR
 - GOLD PL.50 MIN. OVER NICKEL PL.100 MIN.

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

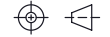
TITLE
Hermetic Seal for 0.012" (0.3mm) Field Replaceable Connector and 0.179" Pin Length

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

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

| | | |
|--------------------|------------------|---|
| .X = ±.2 [5.08] | FRACTIONS ± 1/32 | L ≤ 12 [305] = +1 [25] / -0 |
| .XX = ±.02 [.51] | ANGLES ± 1° | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 |
| .XXX = ±.005 [.13] | | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 |
| | | 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 |
| | | 300 [7620] < L = +5%L / -0 |

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

| | | | | |
|-----------|--------------------|--------------------|----------------------|----------|
| SIZE A | CAGE CODE 3FKR5 | DRAWN BY K.DANG | ITEM NO. FM1015-2 | REV A |
|-----------|--------------------|--------------------|----------------------|----------|

T-Rev.D