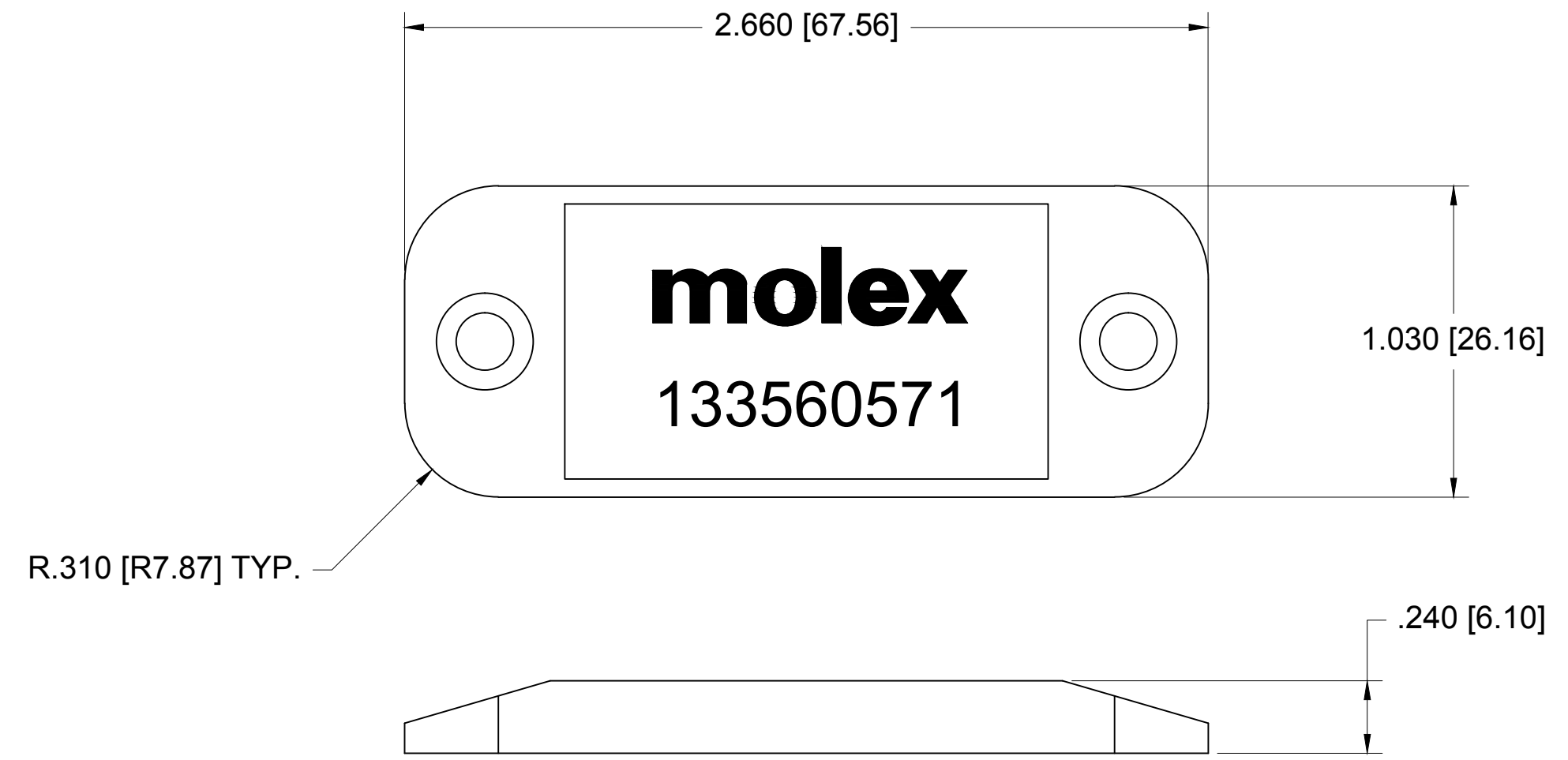


| Physical   |  |
|------------|--|
| Dimensions | 67.6mm x 26.2mm x 6.1mm<br>(2.66" x 1.03" x 0.24")                       |
| Use Case   | On metal   |
| Attachment | 2 screws or rivets; 3M high strength VHB adhesive available as an option |
| Encasement | Polypropylene  |

| Electrical/RF      |                                     |
|--------------------|-------------------------------------|
| Typical Read Range | 25 feet at 36 dBm EIRP              |
| Frequency          | 902-928 MHz                         |
| IC Platform        | Alien Technology Higgs3             |
| IC Memory          | 96 bit EPC 512-bit user memory      |
| RF Protocol        | UHF, EPC Class 1 Gen 2, ISO18000-6C |

| Environmental         |   |
|-----------------------|---|
| Classification        | IP68  |
| Operating Temperature | -50°C to +85°C (-58° to +185°F)                     |
| Temperature Tolerance | -50°C to +150°C (-58° to +302°F)                    |
| HT/HI upgrade         | -50°C to 185°C (label maximum temperature is 160°C) |



|  |                    |                              |                                       |  |                           |   |                               |                      |                        |  |  |
|--|--------------------|------------------------------|---------------------------------------|--|---------------------------|---|-------------------------------|----------------------|------------------------|--|--|
| PRELIMINARY RELEASE<br>EC NO: USW2019-0134<br>DRWN: MJM 2019/02/06 | DESCRIPTION<br>REV | QUALITY SYMBOL<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>IN/MM  |   | SCALE<br>5:1                  | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |  |  |
|  |                    |                              | mm                                    | INCH   | DRAWN BY                  | DATE  | TITLE<br>RFID SALES DRAWING   |                      |                        |  |  |
|  |                    | 4 PLACES                     | ±---                                  | ±---   | MMALONE                   | 2019/02/06  |                               |                      |                        |  |  |
|  |                    | 3 PLACES                     | ±---                                  | ±.010  | CHECKED BY                | DATE  | MOLEX INCORPORATED            |                      |                        |  |  |
|  |                    | 2 PLACES                     | ±.25                                  | ±.030  | ----                      | ----  |                               |                      |                        |  |  |
| 1 PLACE  | ±.76               | ±---                         | APPROVED BY                           | DATE   | MATERIAL NO.<br>133560571 |   | DOCUMENT NO.<br>SD-13356-0571 |                      | SHEET NO.<br>1 OF 1    |  |  |
| 1  | REV                | ANGULAR ±1/2°                |                                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                           | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                      |                        |  |  |