

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS PART WAS GENERATED FROM I-DEAS. PART MODEL SHALL CONTROL ALL FEATURES NOT DEFINED ON THE DRAWING. PRO-E DATABASE (COL-V\_ANTENNA\_GM-910MHZ) EXISTS ON INTRALINK.

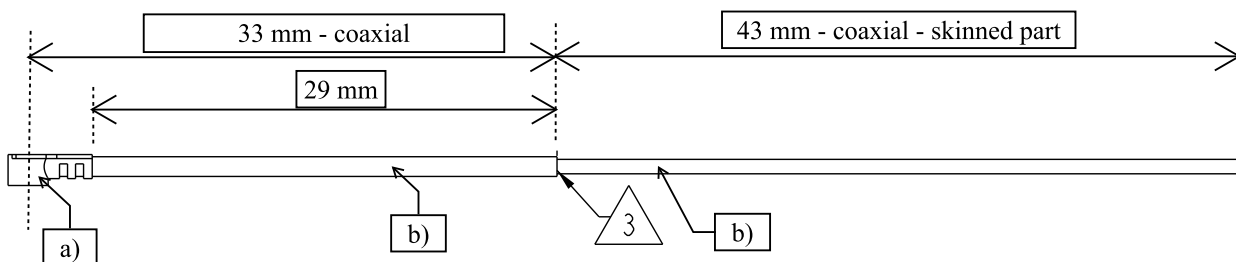
2. MATERIAL: HIROSE U.FL-LP-068NI-A  
 $\varnothing$ 1.13 SINGLE ENDED COAXIAL CABLE. COLOR: GRAY (OR EQUIVALENT)

3. STARTING FROM THIS POINT: REMOVE EXTERNAL SHEATH AND EXTERNAL BRAIDED CONDUCTOR MAINTAINING THE INTERNAL SHEATH AND INTERNAL CONDUCTOR CABLE.

4. ALL MATERIALS MUST MEET REGULATORY HAZARDOUS SUBSTANCE REQUIREMENTS PER DATALOGIC SPECIFICATION R76-0112.

| REV | BRIEF DESCRIPTION OF CHANGE      | DFTR | ECO   | DATE        | CHKD | ENGR |
|-----|----------------------------------|------|-------|-------------|------|------|
| A   | INITIAL RELEASE                  | MG   | XXXXX | 05-05<br>09 |      | MG   |
| B   | CONVERT TO PRO/E & UPDATE FORMAT | KRD  | 64013 | 12/17<br>09 |      | MG   |

ANTENNA MECHANICAL DIMENSIONS



Antenna Part Number : 199504800 rev. B  
 Antenna Parts Composition :  
 a) RF U.FL CONNECTOR TYPE HIROSE U.FL-LP-066 or equivalent  
 b) RF COAXIAL CABLE TYPE HIROSE 068 or equivalent :  
 Cable Diameter 1.13 mm; Inner Conductor : AWG32

ANTENNA ELECTRICAL SPECIFICATIONS :  
 Frequency range : 902 to 928 MHz  
 Peak Gain : -4.5 dB  
 Input Power : 100 mW max  
 Operating Temperature : -40 to +85 °C

| <b>DATALOGIC</b> <sup>TM</sup> |           | DATALOGIC SCANNING, INC.<br>959 TERRY STREET<br>EUGENE, OREGON 97402-9150  |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
|--------------------------------|-----------|--|---------------------|-----------------|--------|---------------------------------|-------|--|--|---------------------------------|------------|---|----|-----|-----|--------|------|-------|------|-------|------|------|-------|--------|------|------|------|------|------|-------|--------|------|------|------|------|------|-------|
| DFTR                           | KRD       | DATE   | 11/19<br>09         |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| PROC                           |           | THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY AND CONFIDENTIAL DATA OF DATALOGIC SCANNING INC. AND IS NOT TO BE DISCLOSED IN WHOLE OR IN PART, EXCEPT AS AUTHORIZED IN WRITING BY DATALOGIC SCANNING, INC. COPYRIGHT © DATALOGIC SCANNING, INC., 2008  |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| ENG                            | M GALANTI | DIMENSIONING AND TOLERANCING PER ISO 2768-1. ALL DIMENSIONS ARE MILLIMETERS AND INCLUDE APPLIED FINISH.  |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| MFG                            |           | <table border="1" style="font-size: small;"> <thead> <tr> <th colspan="6">TOLERANCE TABLE</th> <th rowspan="4">UNSPECIFIED DIMENSION TOLERANCE</th> </tr> <tr> <th>OVER UP TO</th> <th>6</th> <th>30</th> <th>120</th> <th>400</th> <th>ANGLES</th> </tr> </thead> <tbody> <tr> <td>FINE</td> <td>±0.05</td> <td>±0.1</td> <td>±0.15</td> <td>±0.2</td> <td>±0.3</td> <td>±0.5°</td> </tr> <tr> <td>MEDIUM</td> <td>±0.1</td> <td>±0.2</td> <td>±0.3</td> <td>±0.5</td> <td>±0.8</td> <td>±1.0°</td> </tr> <tr> <td>COURSE</td> <td>±0.3</td> <td>±0.5</td> <td>±0.8</td> <td>±1.2</td> <td>±2.0</td> <td>±2.0°</td> </tr> </tbody> </table> |                     | TOLERANCE TABLE |        |                                 |       |  |  | UNSPECIFIED DIMENSION TOLERANCE | OVER UP TO | 6 | 30 | 120 | 400 | ANGLES | FINE | ±0.05 | ±0.1 | ±0.15 | ±0.2 | ±0.3 | ±0.5° | MEDIUM | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 | ±1.0° | COURSE | ±0.3 | ±0.5 | ±0.8 | ±1.2 | ±2.0 | ±2.0° |
| TOLERANCE TABLE                |           |  |                     |                 |        | UNSPECIFIED DIMENSION TOLERANCE |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| OVER UP TO                     | 6         | 30   | 120                 | 400             | ANGLES |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| FINE                           | ±0.05     | ±0.1   | ±0.15               | ±0.2            | ±0.3   |                                 | ±0.5° |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| MEDIUM                         | ±0.1      | ±0.2   | ±0.3                | ±0.5            | ±0.8   |                                 | ±1.0° |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| COURSE                         | ±0.3      | ±0.5   | ±0.8                | ±1.2            | ±2.0   | ±2.0°                           |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| MODEL                          | GRYPHON   |  |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| TOOL#                          |           |  |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| VIEW PERSPECTIVE               |           | ANTENNA, CABLE, 910MHz   |                     |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| SCALE                          | SIZE      | SHEET  | BASE/DRAWING NUMBER |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
| 3/1                            | A3        | 1 OF 1   | 4-5048-00           |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |
|                                |           | REV  | B                   |                 |        |                                 |       |  |  |                                 |            |   |    |     |     |        |      |       |      |       |      |      |       |        |      |      |      |      |      |       |        |      |      |      |      |      |       |