

| REVISIONS |     |                     |           |            |
|-----------|-----|---------------------|-----------|------------|
| REV       | ECR | DESCRIPTION         | DRAWN     | DATE       |
| 1         |     | ENGINEERING RELEASE | M. LARSEN | 05/14/2025 |
|           |     |                     |           |            |

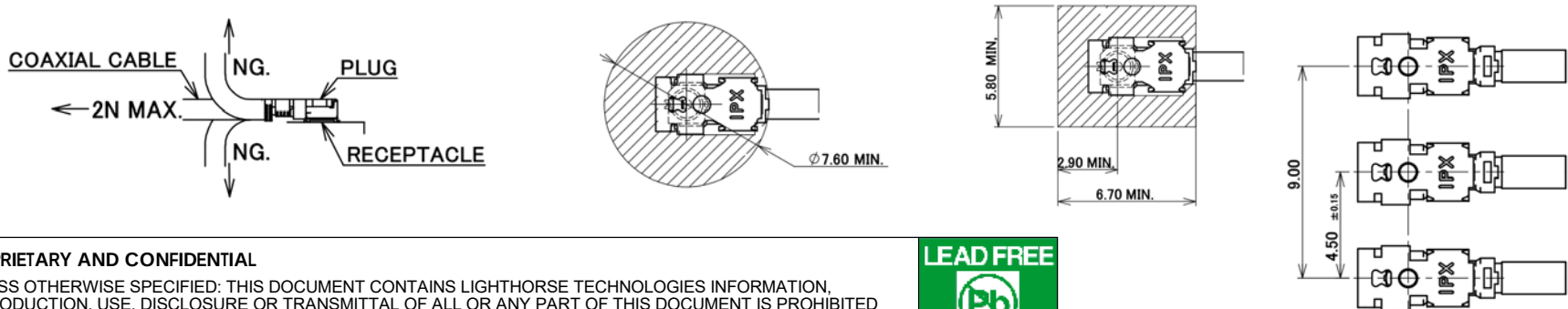


**NOTES:**

- 1. OPERATING FREQUENCY: DC - 6GHz**
- 2. IMPEDANCE: 50Ω**
- 3. TEMPERATURE RANGE: -40 °C ~ +90 °C**
- 4. MAX HEIGHT: 1.4mm (1.13,1.17LL COAX), 2mm (MHF 4L LK)**
- 5. I-PEX CABLE CRIMP STRENGTH: 15N MIN**
- 6. I-PEX DURABILITY: 30 CYCLES**

IPX® AND MHF® ARE REGISTERED TRADEMARKS OF I-PEX CO., LTD. CORPORATION

| (1): CABLE TYPE |                                | (2): IPX4L (I-PEX MHF 4L)        | (3): IPX4LLK (I-PEX MHF 4L LOCKING HARNESS) |                                               | (4): SMA JACK                                                        | (5): HEAT SHRINK TUBE     | CBL ASSY LENGTH                             |
|-----------------|--------------------------------|----------------------------------|---------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------|---------------------------|---------------------------------------------|
| "1.13"          | Ø 1.13mm, CABLE, BLACK         | IPX4LLF11GPB-113 (20565-001R-13) |                                             |                                               | LTI P/N:<br>SASF11GT-316<br>(SMA, JACK,<br>STRAIGHT,<br>CABLE CRIMP) | Ø 3/32, .5" LENGTH, GREEN | TOLERANCE:<br>1-36IN ± 0.5<br>25-915mm ± 13 |
| "1.17LL"        | Ø 1.17mm, LOW-LOSS CABLE, GRAY | IPX4LLF11GPB-113 (20565-001R-13) |                                             |                                               |                                                                      | Ø 3/32, .5" LENGTH, GREEN |                                             |
|                 |                                |                                  | "1.37"                                      | Ø 1.37mm, CABLE, CB1.37-2IPX4LLK-500MM, BLACK |                                                                      | Ø 3/32, .5" LENGTH, GREEN |                                             |



|                                                                                                                                       |           |          |                                                                                                                                                                                                                                                              |                   |           |              |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|--------------|
| DO NOT SCALE DRAWING                                                                                                                  |           |          | <div></div> <div>Lighthouse Technologies</div> <div>San Diego, CA<br/>www.rfconnector.com</div>                                                                         |                   |           |              |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                                                                 |           |          |                                                                                                                                                                                                                                                              |                   |           |              |
| DIMENSIONS ARE IN MILLIMETERS                                                                                                         |           |          | <div><div><div></div><div>THIRD ANGLE PROJECTION</div></div><div>TITLE:<br/><br/>CABLE ASSEMBLY,<br/><br/>IPX4L (MHF 4L), TO SMA JACK,<br/><br/>CABLE CRIMP</div></div> |                   |           |              |
| <div>X = <math>\pm 0.5</math><br/>X.X = <math>\pm 0.25</math><br/>X.XX = <math>\pm 0.13</math><br/>ANGLE = <math>\pm 30'</math></div> |           |          |                                                                                                                                                                                                                                                              |                   |           |              |
| CUSTOMER APPROVAL                                                                                                                     |           |          |                                                                                                                                                                                                                                                              |                   |           |              |
| SIGN / DATE:                                                                                                                          |           |          |                                                                                                                                                                                                                                                              |                   |           |              |
| ENG APPR.                                                                                                                             |           |          | SIZE                                                                                                                                                                                                                                                         | PART/DWG. NO:     |           | REV          |
| CHECKED                                                                                                                               |           |          | B                                                                                                                                                                                                                                                            | CBX-IPX4L-SAFGT-X |           | 1            |
| DRAWN                                                                                                                                 | M. LARSEN | 05/14/25 | SCALE: 2:1                                                                                                                                                                                                                                                   |                   | FILE NAME | SHEET 1 OF 1 |
|                                                                                                                                       | NAME      | DATE     |                                                                                                                                                                                                                                                              |                   |           |              |

**PROPRIETARY AND CONFIDENTIAL**

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