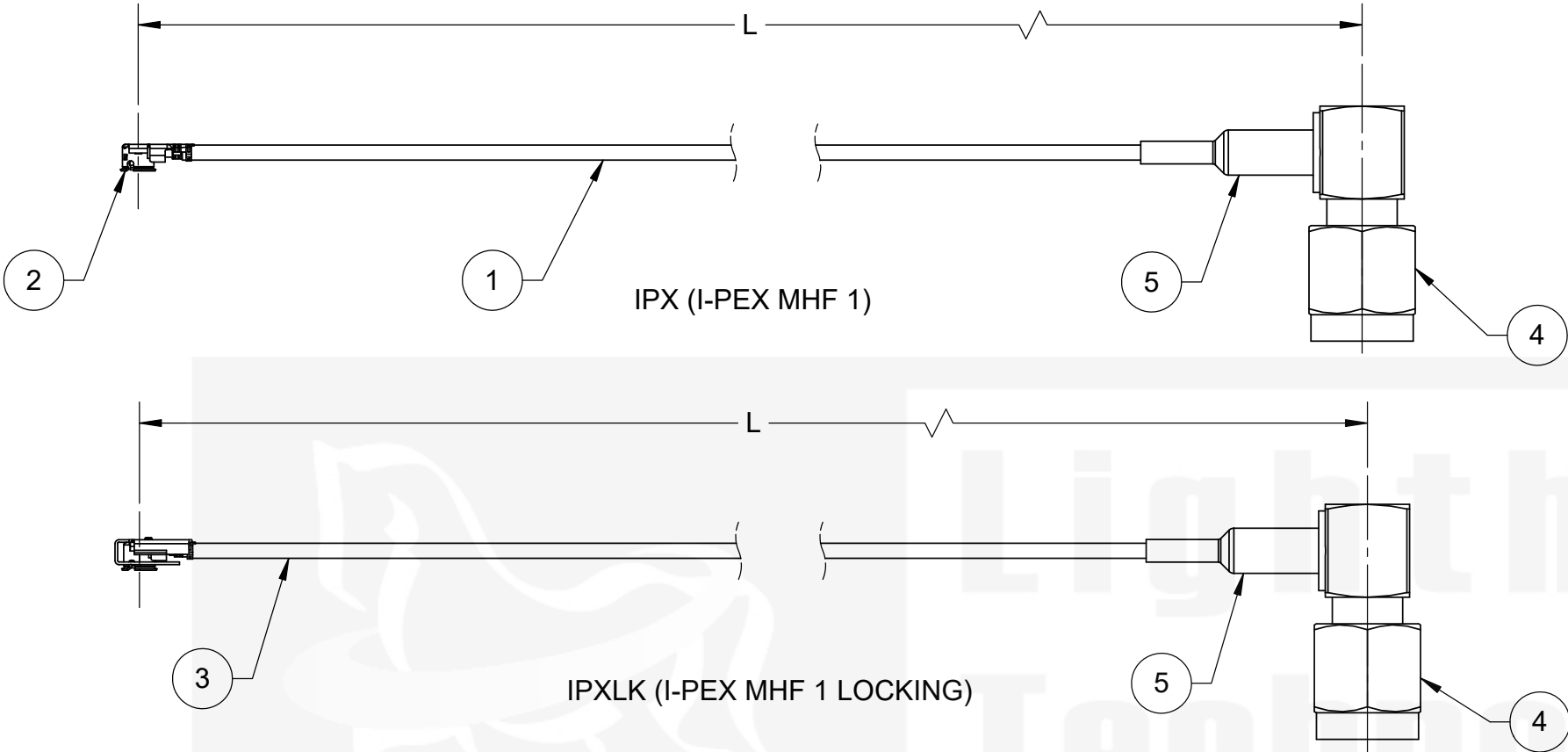


NOTE: CABLE IS CUT TO LENGTH SPECIFIED IN THE PART NUMBER.
LENGTH AFTER ASSEMBLY MAY DIFFER.

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



CONTACT LTI FOR CUSTOM LENGTH AND TOLERANCE

CABLE LENGTH:
"-X" IN THE ENDING OF THE CABLE PART NUMBER IS CALLING OUT THE LENGTH THE CABLE IS CUT.
EXAMPLES SHOWN BELOW:

I-PEX MHF 1:
LTI P/N: CB1.13-IPX-SALMGT-4IN (4 INCHES)
CBG-IPX-SALMGT-100mm (100 MILLIMETERS)

I-PEX MHF 1 LOCKING:
LTI P/N: CB1.13-IPXLK-SALMGT-4IN (4 INCHES)
CBG-IPXLK-SALMGT-100mm (100 MILLIMETERS)

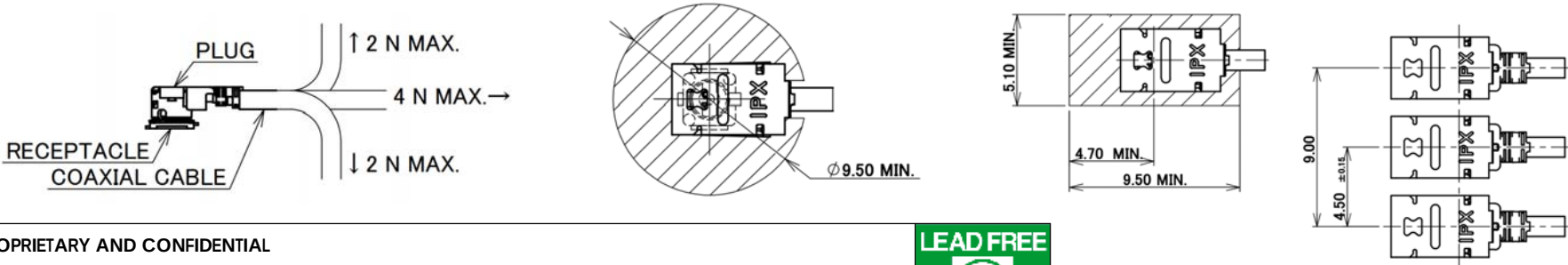
CABLE PART NUMBERING (MHF 1):
CBX-IPX-SALMGT-X

CABLE PART NUMBERING (MHF 1 LOCKING):
CBX-IPXLK-SALMGT-X

- NOTES:
- 1. OPERATING FREQUENCY: DC - 6GHz
 - 2. IMPEDANCE: 50Ω
 - 3. TEMPERATURE RANGE: -40 °C ~ +90 °C
 - 4. MAX HEIGHT: 2.5mm (MHF 1), 2.9mm (MHF 1 LK)
 - 5. I-PEX CABLE CRIMP STRENGTH: 15N MIN
 - 6. I-PEX DURABILITY: 30 CYCLES
 - 7. CONNECTOR ORIENTATION 0° ± 45°

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

(1): CABLE TYPE		(2): IPX (I-PEX MHF 1)	(3): IPXLK (I-PEX MHF 1 LOCKING HARNESS)	(4): SMA PLUG	(5): HEAT SHRINK TUBE	CBL ASSY LENGTH
"1.13"	Ø 1.13mm, CABLE, BLACK	IPXLF11GPB-113 (20278-112R-13)	"1.13" Ø 1.13mm, CABLE, CB1.13-2IPXLK-500MM, BLACK	LTI P/N: SALM11GT-178 (SMA, PLUG, RIGHT ANGLE, CABLE CRIMP)	Ø 3/32, .5" LENGTH, GREEN	TOLERANCE: 1-36IN ± 0.5 25-915mm ± 13
"1.17LL"	Ø 1.17mm, LOW-LOSS CABLE, GRAY	IPXLF11GPB-113 (20278-112R-13)			Ø 3/32, .5" LENGTH, GREEN	
"1.32D"	Ø 1.32mm, DOUBLE-SHIELD CABLE, GREEN	IPXLF11GPB-132 (20278-112R-32)			Ø 3/32, .5" LENGTH, GREEN	
"1.37"	Ø 1.37mm, CABLE, BLUE	IPXLF11GPB-137 (20351-112R-37)	"1.37" Ø 1.37mm, CABLE, CB1.37-2IPXLK-500MM, BLACK		Ø 3/32, .5" LENGTH, GREEN	
"G"	RG-178, CABLE, COPPER	IPXLF11GPB-178 (20278-112R-18)	"G" RG-178, CABLE, CBG-2IPXLK-500MM, BROWN		Ø 1/8, .75" LENGTH, GREEN	



DO NOT SCALE DRAWING

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

X = ±0.5
X.X = ±0.25
X.XX = ±0.13
ANGLE = ±30°

THIRD ANGLE PROJECTION

CUSTOMER APPROVAL

SIGN / DATE:

ENG APPR.

CHECKED

DRAWN

M. LARSEN

05/14/2025

NAME

DATE

Lighthorse Technologies

San Diego, CA
WWW.RFCONNECTOR.COM

TITLE:

CABLE ASSEMBLY,
IPX (MHF 1), TO R/A SMA PLUG,
CABLE CRIMP

SIZE

B

PART/DWG. NO:

CBX-IPX-SALMGT-X

REV

1

SCALE: 2:1

FILE NAME

SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

UNLESS OTHERWISE SPECIFIED: THIS DOCUMENT CONTAINS LIGHTHORSE TECHNOLOGIES INFORMATION. REPRODUCTION, USE, DISCLOSURE OR TRANSMITTAL OF ALL OR ANY PART OF THIS DOCUMENT IS PROHIBITED EXCEPT TO THE EXTENT APPROVED IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF LIGHTHORSE TECHNOLOGIES. LIGHTHORSE TECHNOLOGIES RESERVES ALL RIGHTS UNDER PATENTS, TRADEMARKS, COPY RIGHTS AND TRADE SECRETS. COPY RIGHTS OF LIGHTHORSE TECHNOLOGIES 2011, ALL RIGHTS RESERVED.

