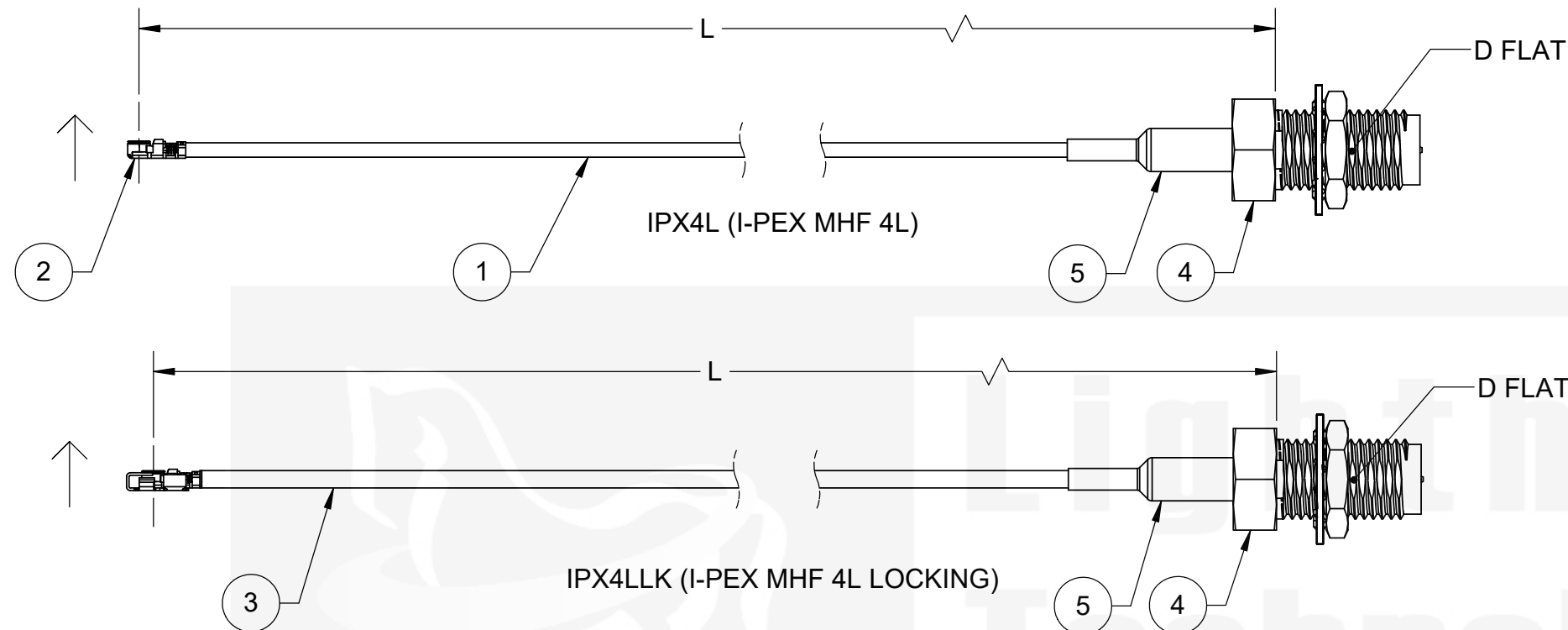


REVISIONS

REV	ECR	DESCRIPTION	DRAWN	DATE
1		ENGINEERING RELEASE	M. LARSEN	06/05/2025



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 4L:
LTI P/N: CB1.13-IPX4L-SARF3GT-4IN (4 INCHES)
CB1.17LL-IPX4L-SARF3GT-100mm (100 MILLIMETERS)

I-PEX MHF 4L LOCKING:
LTI P/N: CB1.37-IPX4LLK-SARF3GT-4IN (4 INCHES)
CB1.37-IPX4LLK-SARF3GT-100mm (100 MILLIMETERS)

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
7. ORIENTATION OF CONNECTORS: 0° + 45°

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

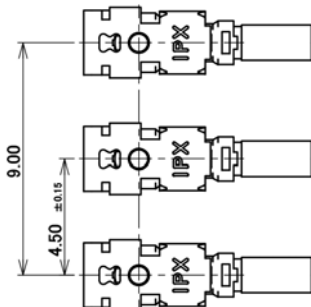
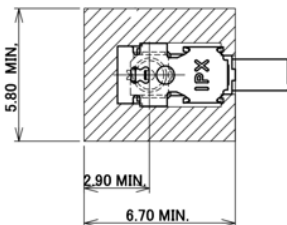
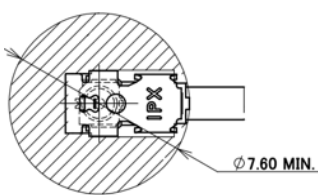
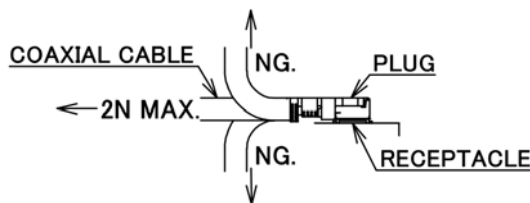
CABLE PART NUMBERING (MHF 4L):

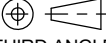
CBX-IPX4L-SARF3GT-X

CABLE PART NUMBERING (MHF 4L LOCKING):

CB1.37-IPX4LLK-SARF3GT-X

(1): CABLE TYPE		(2): IPX4L (I-PEX MHF 4L)	(3): IPX4LLK (I-PEX MHF 4L LOCKING HARNESS)		(4): RP-SMA JACK	(5): HEAT SHRINK TUBE	CBL ASSY LENGTH
"1.13"	Ø 1.13mm, CABLE, BLACK	IPX4LLF11GPB-113 (20565-001R-13)			LTI P/N: SASRF13RGT-316 (SMA, JACK, STRAIGHT, BLKHD, CRIMP)	Ø 3/32, .5" LENGTH, GREEN	TOLERANCE: 1-36IN ± 0.5 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		
TOLERANCES UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN MILLIMETERS		
X	= ±0.5	 THIRD ANGLE PROJECTION
X.X	= ±0.25	
X.XX	= ±0.13	
ANGLE	= ±30°	
CUSTOMER APPROVAL		
SIGN / DATE:		
ENG APPR.		
CHECKED		
DRAWN	M. LARSEN	06/05/2025
	NAME	DATE



Lighthouse Technologies

San Diego, CA
WWW.RFCONNECTOR.COM

TITLE: CABLE ASSEMBLY,
IPX4L (MHF 4L), TO RP-SMA JACK,
BULKHEAD MOUNT, CABLE CRIMP

SIZE	PART/DWG. NO:	REV
B	CBX-IPX4L-SARF3GT-X	1

SCALE: 2:1	FILE NAME	SHEET 1 OF 1
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