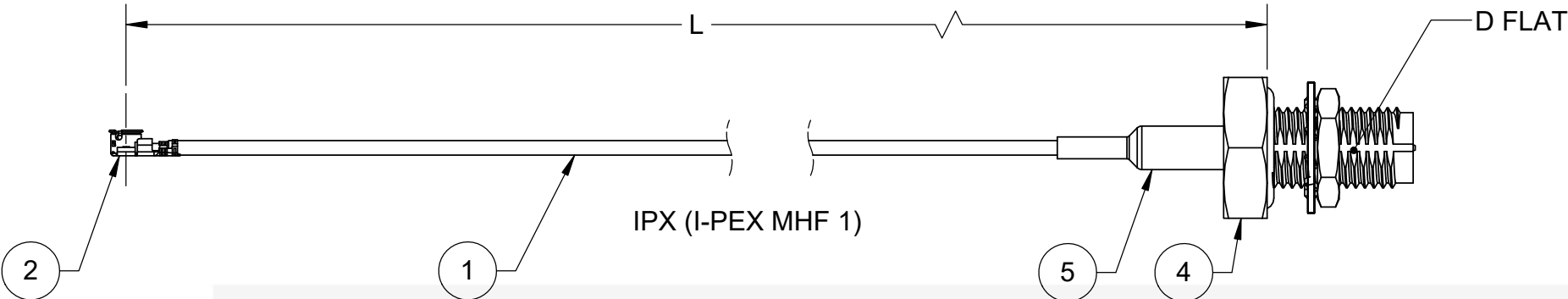


NOTE: CABLE IS CUT TO LENGTH SPECIFIED IN THE PART NUMBER.
LENGTH AFTER ASSEMBLY MAY DIFFER.

REVISIONS

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

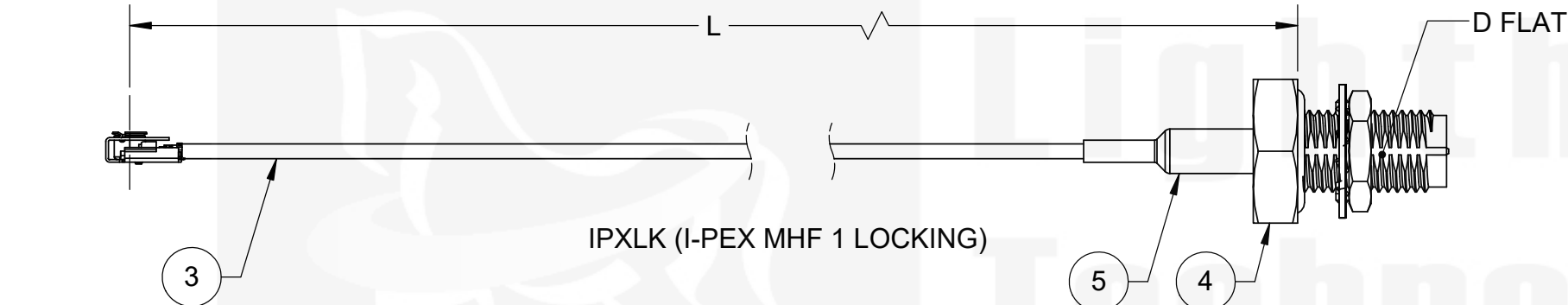


CONTACT LTI FOR CUSTOM LENGTH AND TOLERANCE

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 1:
LTI P/N: CB1.17LL-IPX-SARF3OGTX9-4IN (4 INCHES)
CBG-IPX-SARF3OGTX9-100mm (100 MILLIMETERS)

I-PEX MHF 1 LOCKING:
LTI P/N: CB1.37-IPXLK-SARF3OGTX9-4IN (4 INCHES)
CBG-IPXLK-SARF3OGTX9-100mm (100 MILLIMETERS)



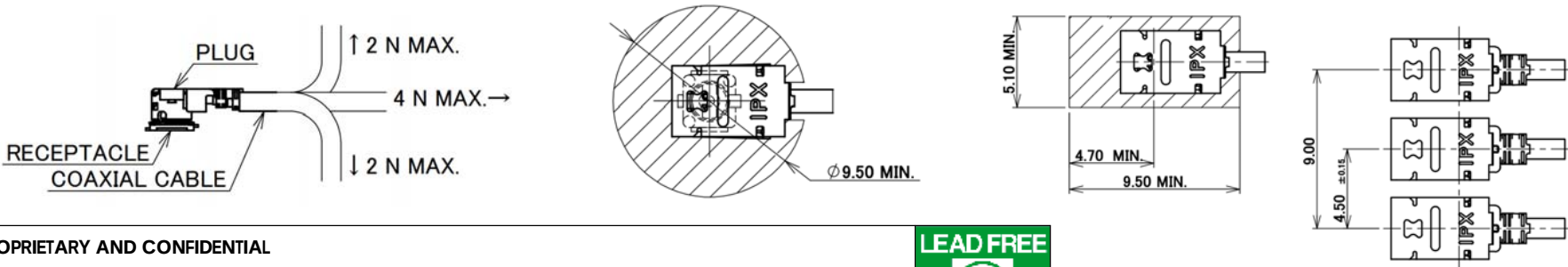
CABLE PART NUMBERING (MHF 1):
CBX-IPX-SARF3OGTX9-X

CABLE PART NUMBERING (MHF 1 LOCKING):
CBX-IPXLK-SARF3OGTX9-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): RP-SMA JACK	(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: SARF13ROGT-113-X9 (RP-SMA, JACK, BLKHD, CRIMP, IP67 O-RING)	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°		
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, IPX (MHF 1), TO RP-SMA JACK, BULKHEAD MOUNT, IP67, O-RING, CABLE CRIMP		
SIZE	PART/DWG. NO:	REV
B	CBX-IPX-SARF3OGTX9-X	1
SCALE: 2:1	FILE NAME	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

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