

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



I-PEX MHF 4L:
LTI P/N: CB1.13-IPX4L-SARF3OGTX9-4IN (4 INCHES)
CB1.17LL-IPX4L-SARF3OGTX9-100mm (100 MILLIMETERS)

I-PEX MHF 4L LOCKING:
LTI P/N: CB1.37-IPX4LLK-SARF3OGTX9-4IN (4 INCHES)
CB1.37-IPX4LLK-SARF3OGTX9-100mm (100 MILLIMETERS)

NOTES:

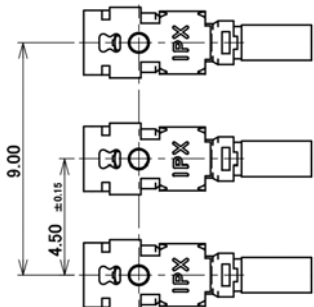
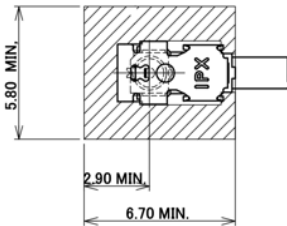
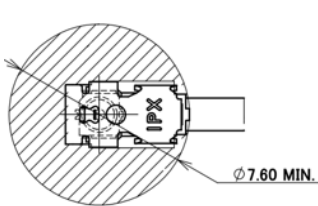
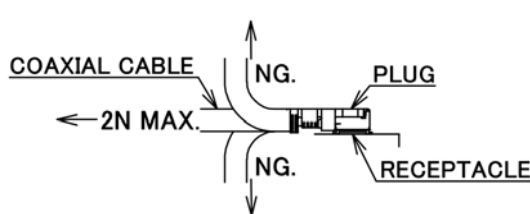
1. OPERATING FREQUENCY: DC - 6GHz
2. IMPEDANCE: 50Ω
3. TEMPERATURE RANGE: -40 °C ~ +90 °C
4. MAX HEIGHT: 1.4mm (1.13,1.17LL COAX), 2mm (MHF 4L LK)
5. I-PEX CABLE CRIMP STRENGTH: 15N MIN
6. I-PEX DURABILITY: 30 CYCLES
7. ORIENTATION OF CONNECTORS: 0° ± 45°

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

CABLE PART NUMBERING (MHF 4L):
CBX-IPX4L-SARF3OGTX9-X

CABLE PART NUMBERING (MHF 4L LOCKING):
CB1.37-IPX4LLK-SARF30GTX9-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:	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)			SASRF13ROGT-113-X9 (SMA, JACK, BLKHD, CRIMP, IP67 O-RING)	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, IP67, O-RING, CABLE CRIMP	
SIZE B	PART/DWG. NO: CBX-IPX4L-SARF3OGTX9-X	REV 1	
SCALE: 2:1		FILE NAME	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

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