

MHF® 4L LK

Locking solution that works with MHF 4/4L receptacles, the M.2 industry standard, mated height of 2.0 mm max., excellent electrical performance up to 12 GHz



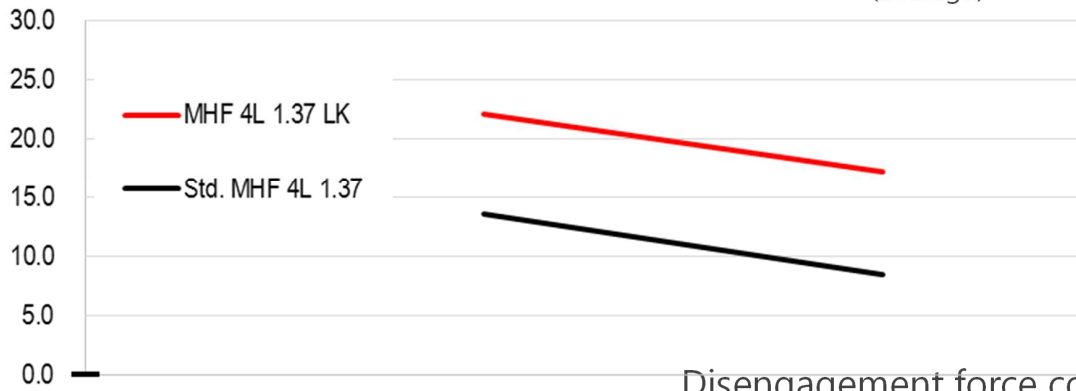
- ✓ Ideal for continuous shock and vibration applications
- ✓ Patented locking system for MHF® 4L Plug
- ✓ Mates with MHF® 4/4L Receptacles

Maximum height (mm)	2.0	
Outside dimension of receptacle(mm)	2.0 x 2.0	
Applicable wire gauge	1.37 mm / AWG 30	
Frequency	DC~12 GHz	
VSWR (L=100 mm)	DC~3 GHz	1.3 max.
	3 GHz~6 GHz	1.4 max.
	6 GHz~9 GHz	1.5 max.
	9 GHz~12 GHz	1.6 max.
12 GHz~15 GHz	-	
Service temp. (Celsius)	-40 degree ~ +90 degree	
Characteristic impedance	50 ohm	
Rated voltage	AC60V	
Contact resistance	20 mohm max.	
Withstand voltage	AC200V/min	
Insulation resistance	500 Mohm min./DC100V	

Ideal for continuous shock and vibration applications

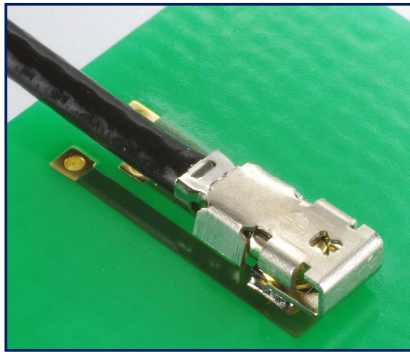
Unit : N

N = 5
(average)

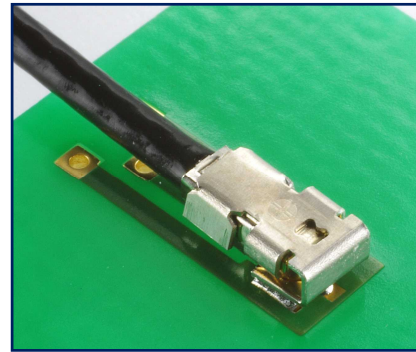


Disengagement force comparison

Patented locking system for MHF® 4L Plug



Before Locking



After Locking

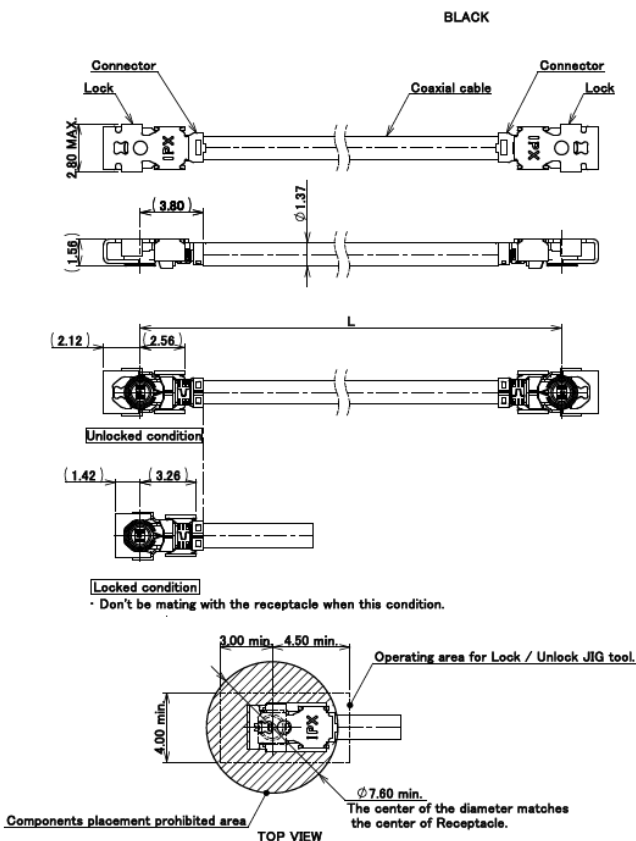
Mates with MHF® 4/4L Receptacles

Product name	MHF 4L LK	MHF 4L
Feature	 MHF 4L with mechanical Lock	 Industry standard for wireless products
Plug part number	-	20632-001R-37 20565-001R-13 20572-001R-08
Receptacle part number	20449-001E-** (MHF 4 receptacle) 20579-001E (MHF 4L receptacle)	

MHF[®] 4L LK

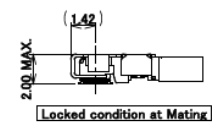
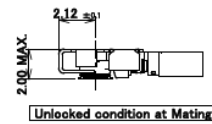
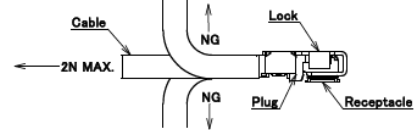
Component Parts Detail

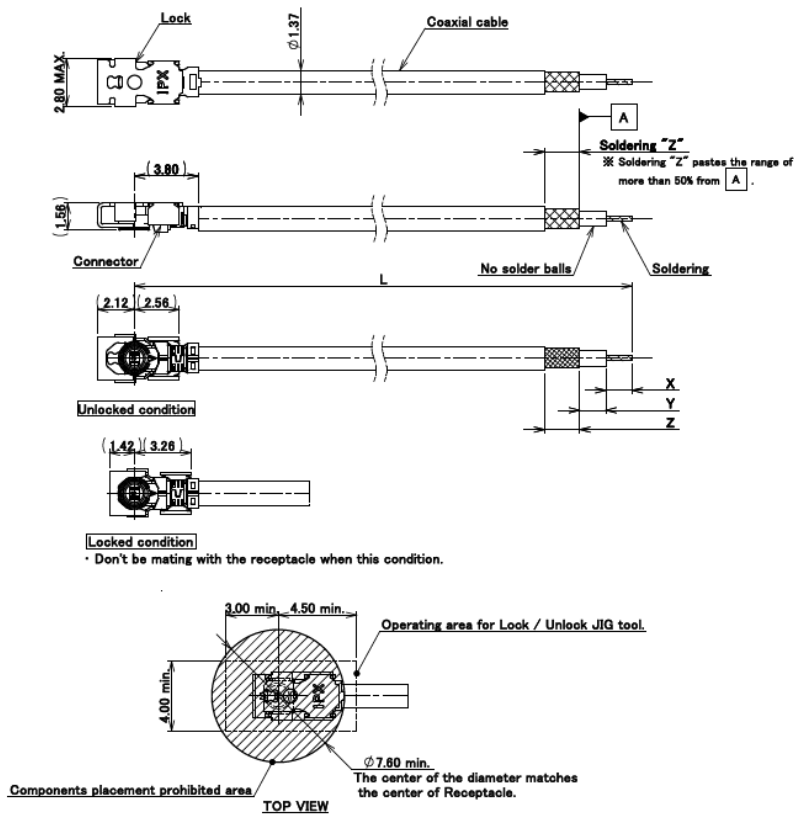
MHF[®] 4L LK



NOTES

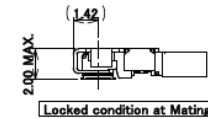
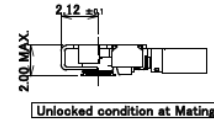
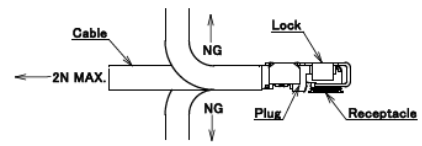
1. Constructions
 - (1) Connector : MHF4L Plug
 - (2) Coaxial cable : AWG#30 $\phi 1.37$
2. Orientation of connector : $0^\circ \pm 45^\circ$
3. Packing : Bag
4. This product is RoHS compliant.
5. Cable crimp strength : 15N MIN.
6. Permissible load of cable at mating.





NOTES

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QKE-DFDE06-02 REV.11



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