

MHF® I LK

业内创举-锁扣解决方案计，适用于所有 MHF®I 类型的母座，支持可达9 GHz，组合高度最大为 2.9 mm

Product Specifications:

Mated Height (mm max.)	2.9		
Rece. SMT Size (mm)	3.0 x 3.0		
Applicable Frequency	DC ~ 9 GHz		
Characteristic Impedance	50 ohm		
VSWR (L=100 mm)	Connector	PLUG	RECEPTACLE
	DC ~ 3 GHz	1.3 max.	1.3 max.
	3 ~ 6 GHz	1.5 max.	1.4 max.
	6 ~ 9 GHz	1.9 max.	1.8 max.

Applicable Cable Size:

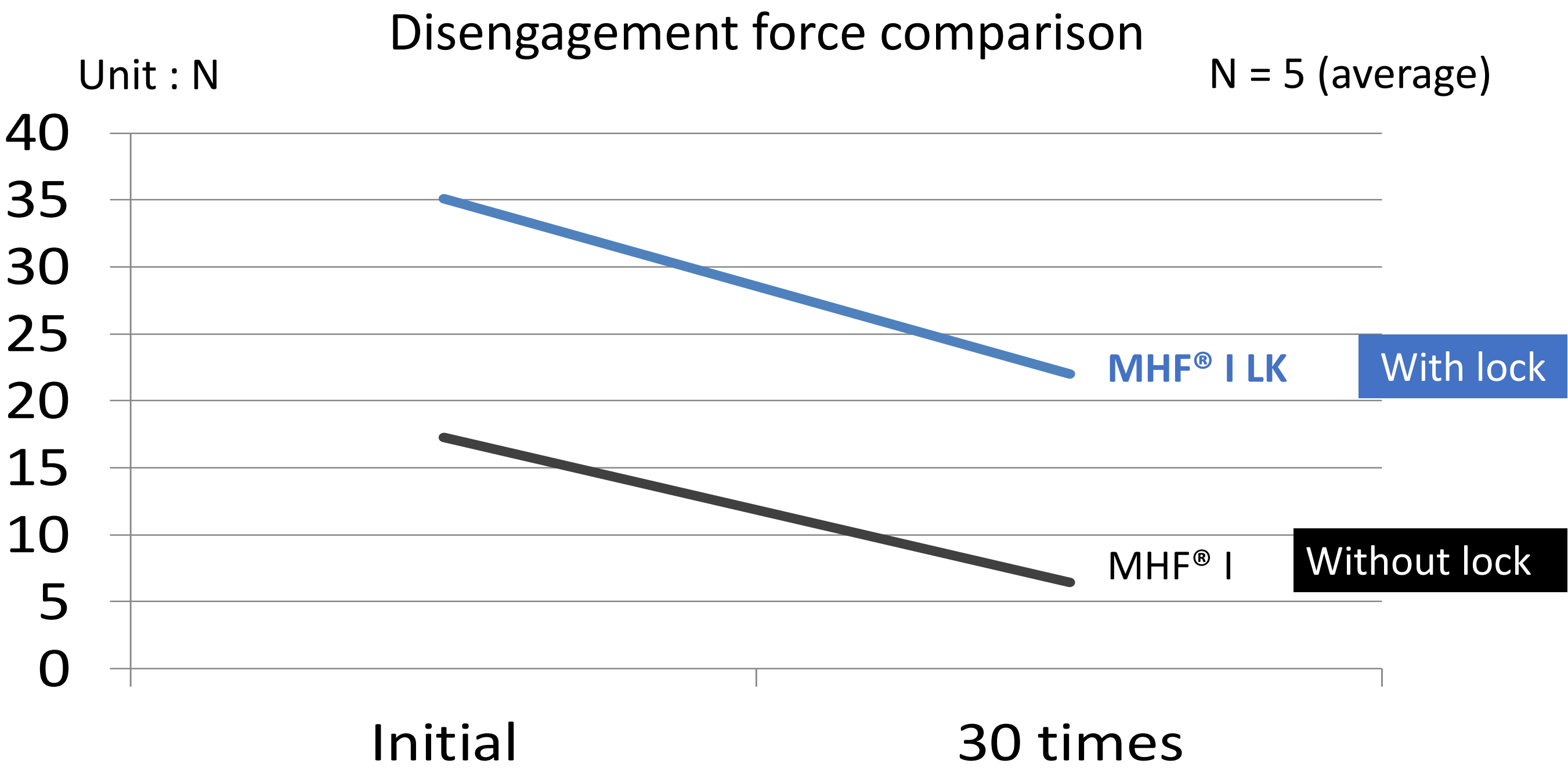
O.D. 0.81 mm / AWG 36
O.D. 1.13 mm / AWG 32
O.D. 1.32 mm / AWG 32
O.D. 1.37 mm / AWG 30
O.D. 1.80 mm / AWG 30

Applicable Standards (Reference Only):

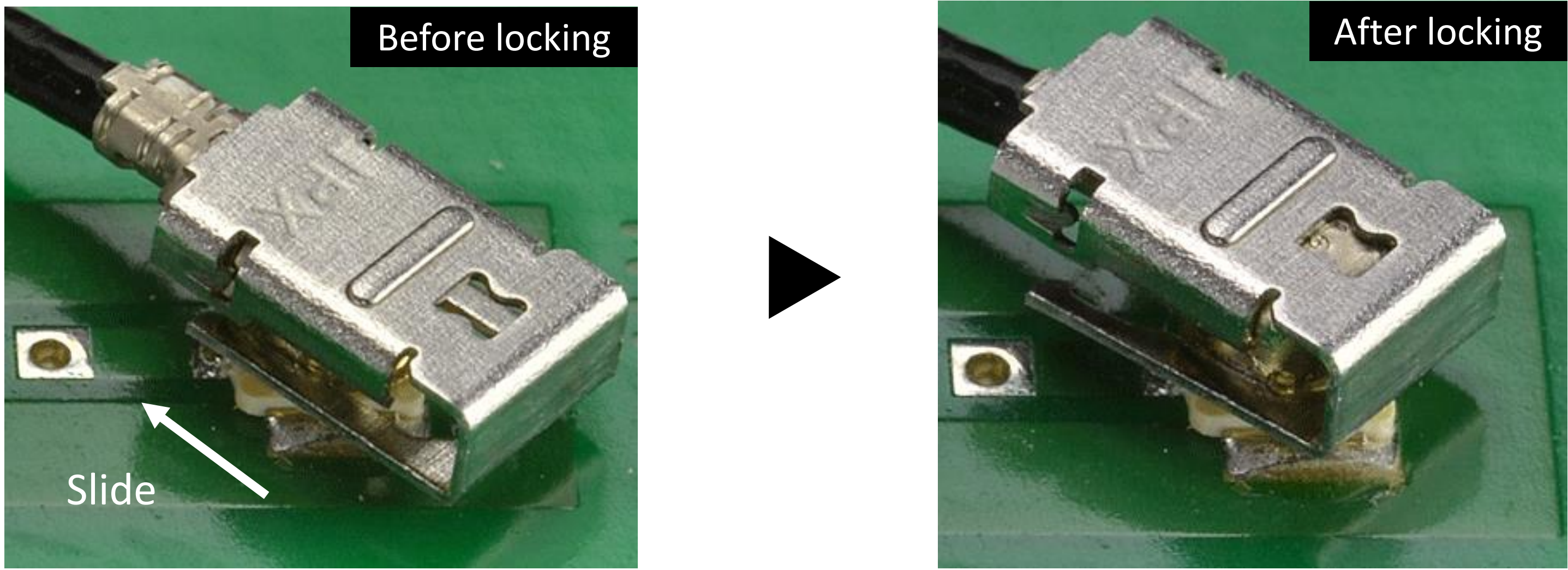
5G sub-6, Wi-Fi 6E, LTE/LTE-Advanced, LPWA, Bluetooth, GPS
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连续冲击和震动的理想解决方案



MHF® I 公座自带锁扣结构

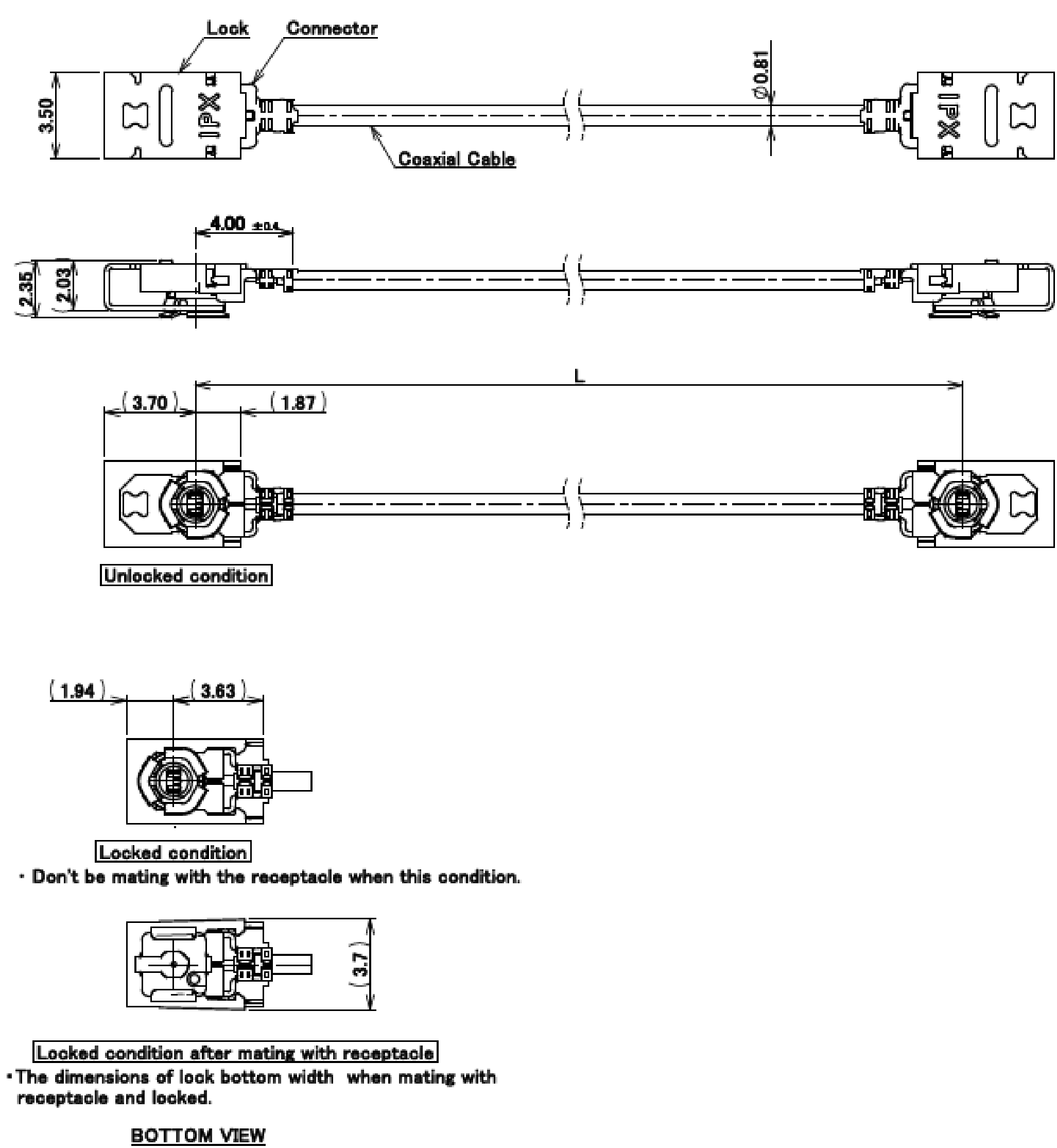


可匹配所有 MHF® I 母座

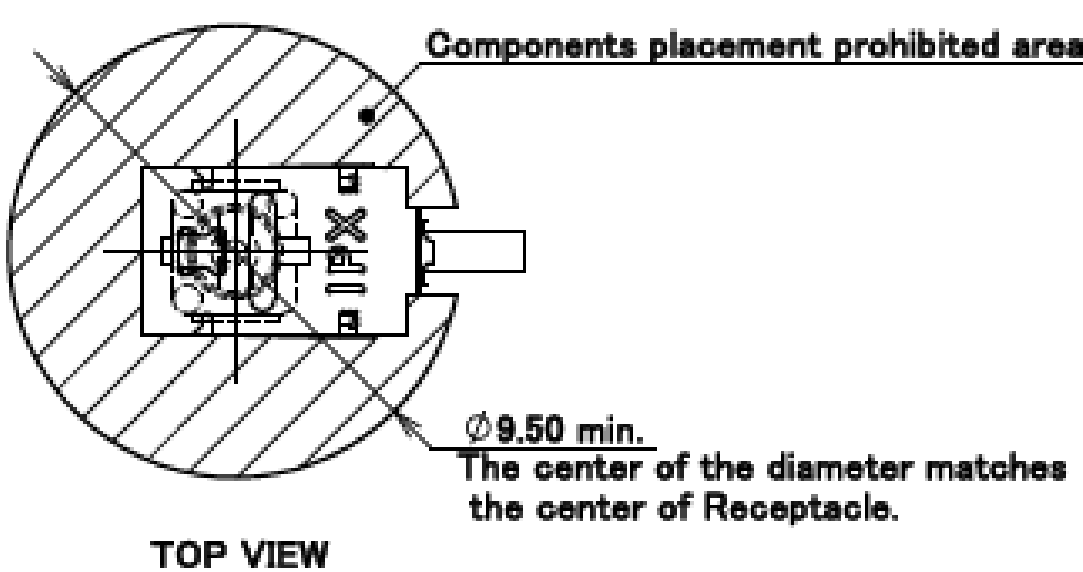
Product name		MHF® I LK	MHF® I	MHF® I
Lock		With Lock	Without Lock	Without Lock
Mating Height		2.9 mm max.	2.5 mm max.	3.0 mm max.
Coaxial O.D. (Center Conductor AWG)	2.00 mm (AWG#26)			●
	1.80 mm (AWG#30)	●	●	
	1.37 mm (AWG#30)	●	●	
	1.32 mm (AWG#32)	●	●	
	1.13 mm (AWG#32)	●	●	
	0.81 mm (AWG#36)	●	●	
Receptacle		MHF® I receptacle 20279-001E-** (3 pads) / 20441-001E-01 (4 pads)		

Component Parts Details

MHF® I LK

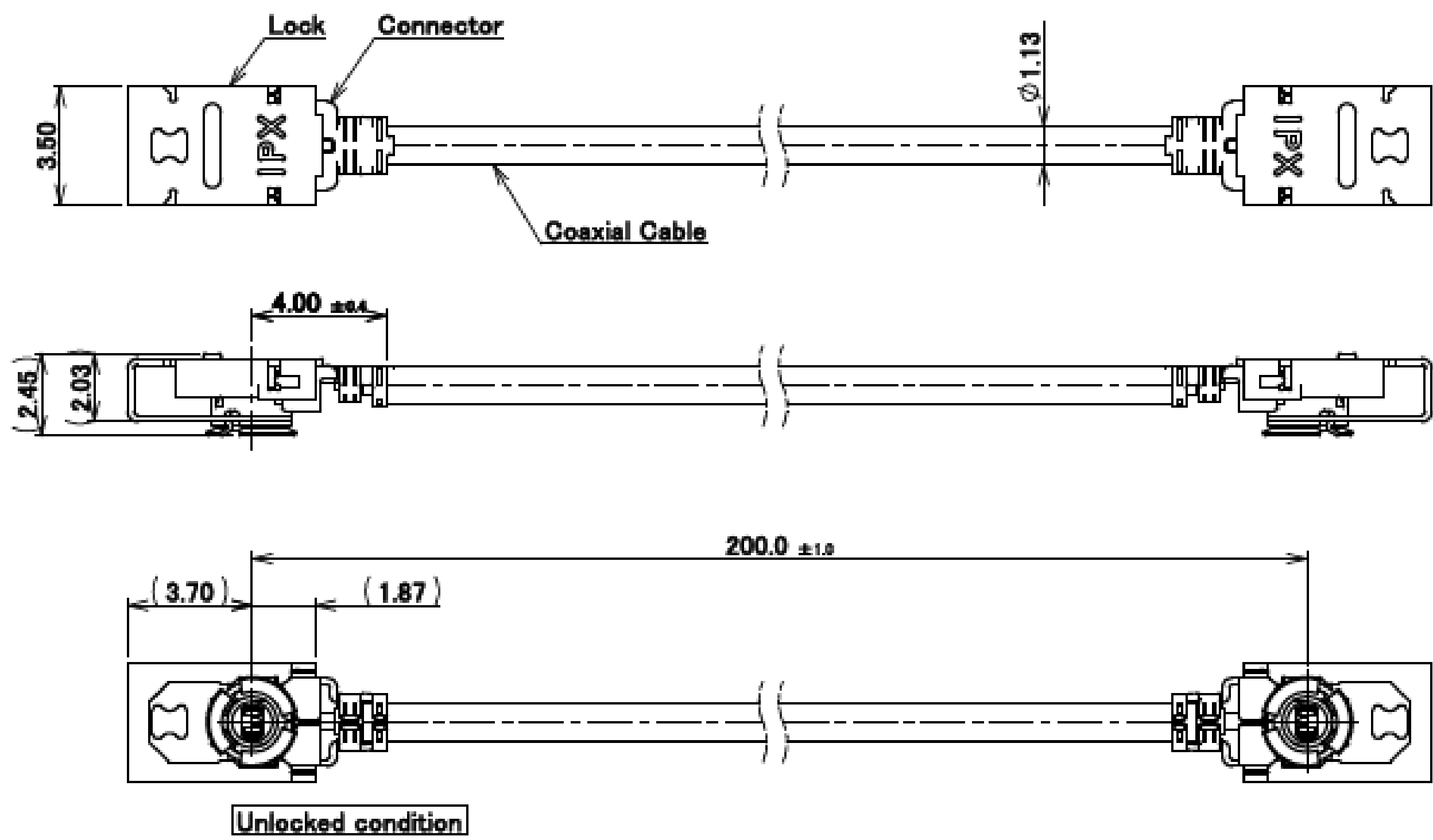


Cable : $\Phi 0.81$ mm



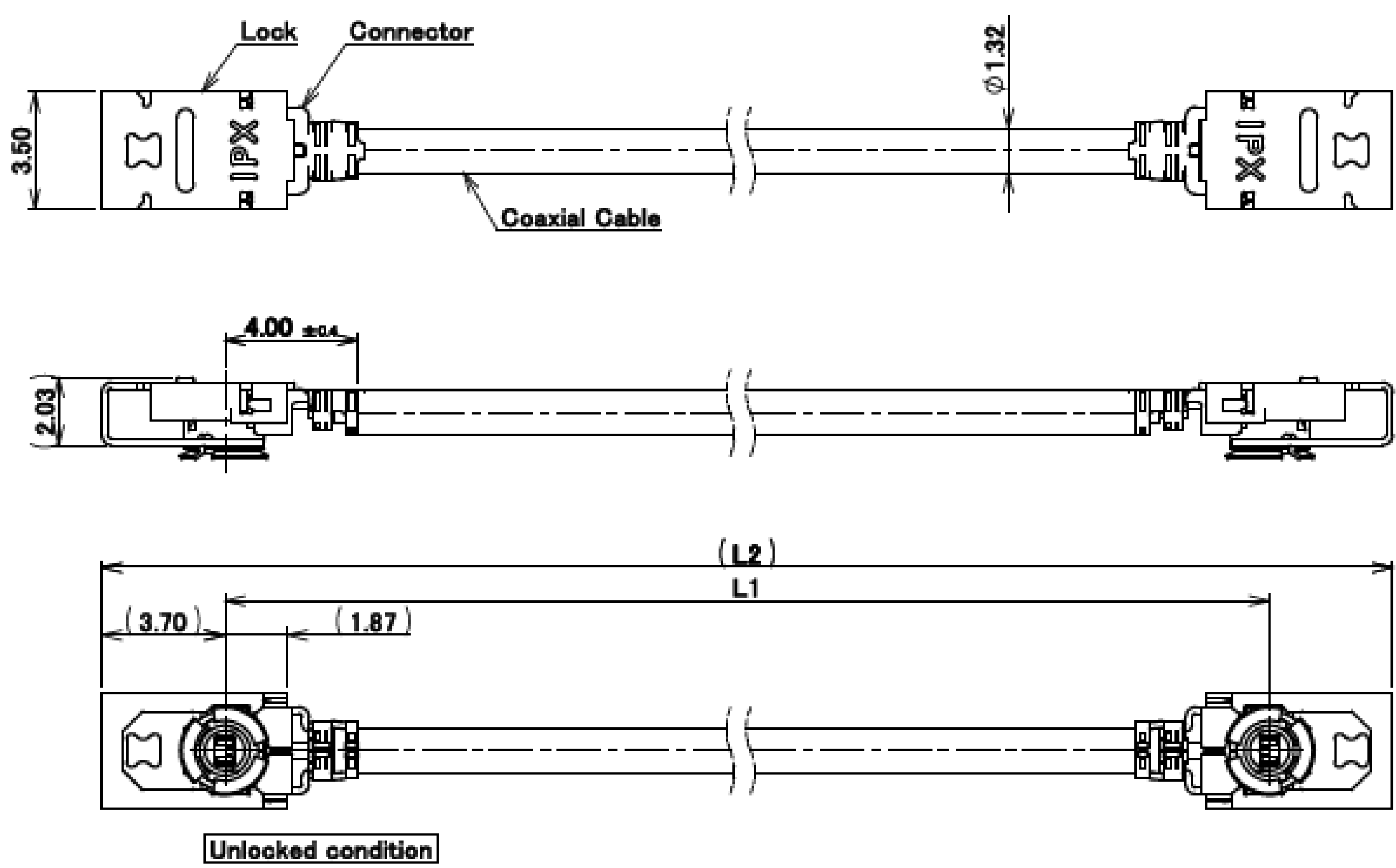
- NOTES**
1. Constructions
(1) Connector : MHF I Plug, Ni-TOP
(2) Coaxial cable : AWG#36 $\Phi 0.81$
(3) Lock part
 2. Orientation of connector : $0^\circ \pm 45^\circ$
 3. Packing : Bag
 4. This product is RoHS compliant.
 5. Cable crimp strength : 10N MIN.
 6. Permissible load of cable at mating.
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- Diagram showing the permissible load of cable at mating. The load is 4N MAX. for the coaxial cable and 2N MAX. for the lock plug and receptacle.
7. To handle lock parts
You must read and follow the instruction manual below.
I-PEX instruction manual No. HIM-17020

Cable : $\Phi 1.13\text{ mm}$



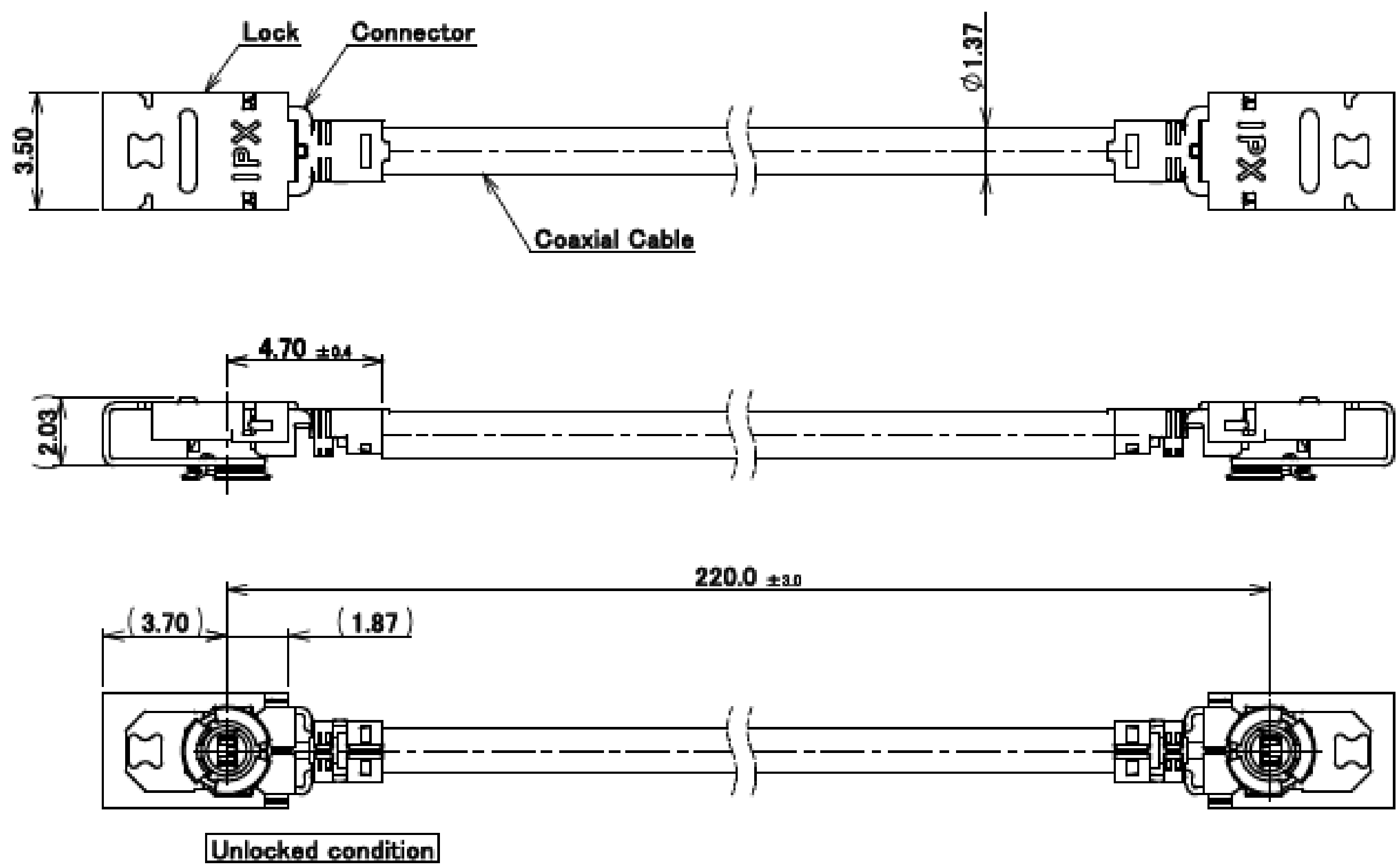
Rev.0

Cable : $\Phi 1.32\text{ mm}$



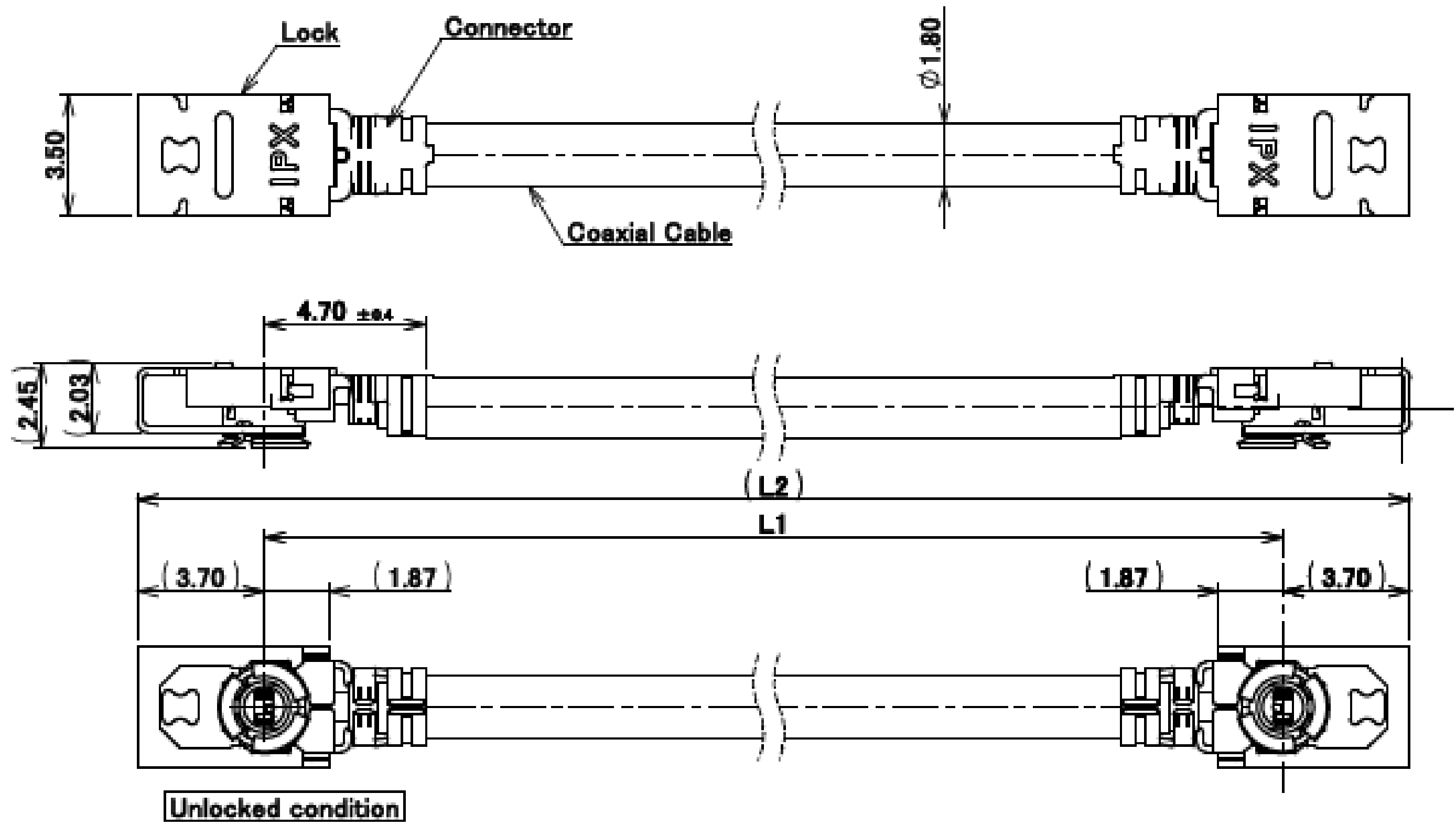
Rev.0

Cable : $\Phi 1.37$ mm



Rev.0

Cable : $\Phi 1.80$ mm



Rev.0

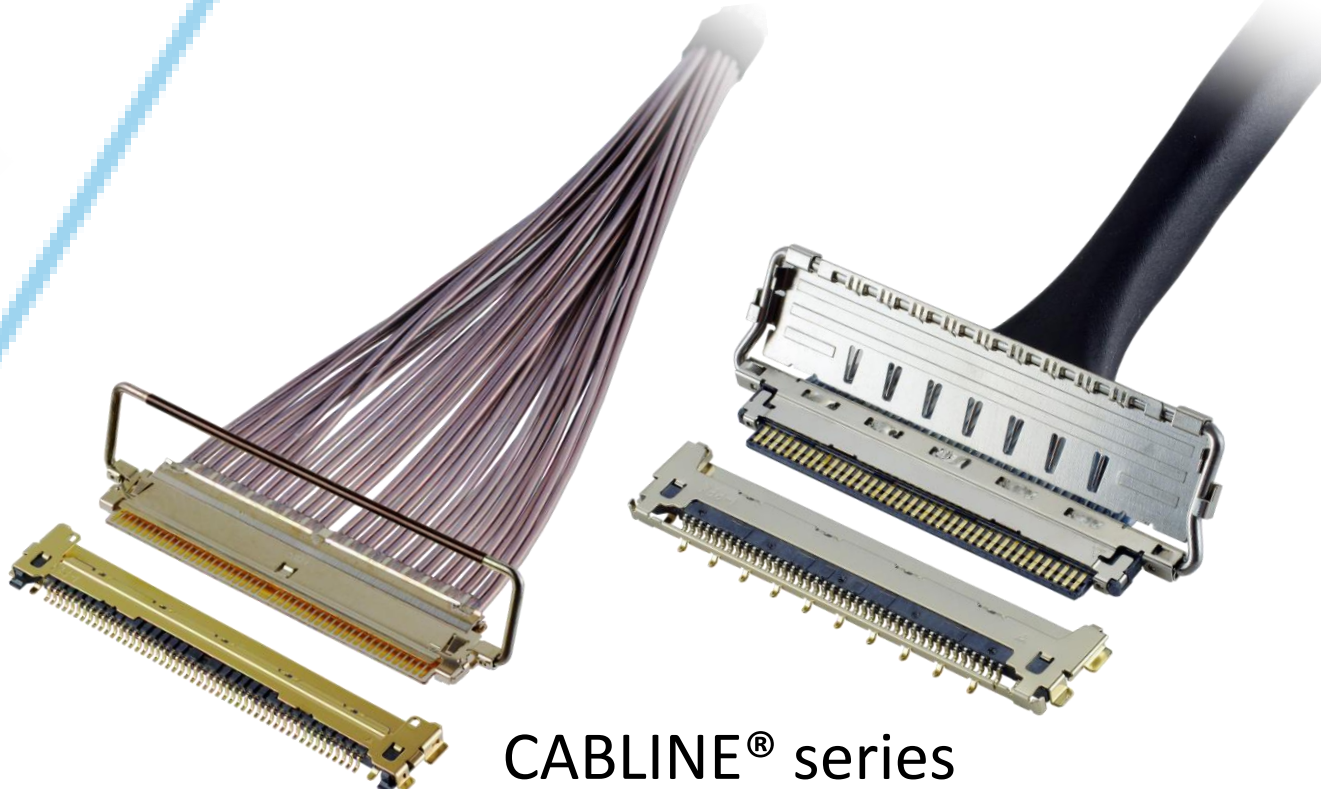
Custom Connectors Available

 RF
Connectors

MHF® series



CABLINE® series



Micro-coaxial/Twinax
Connectors

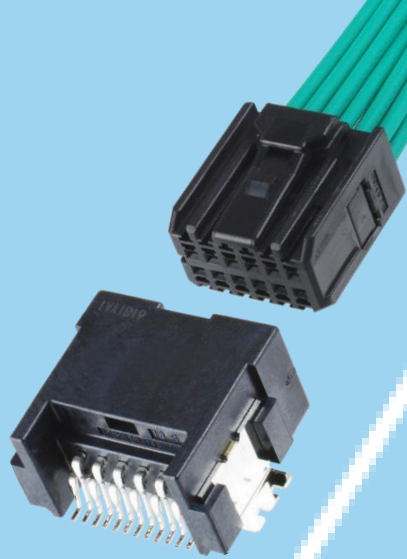


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



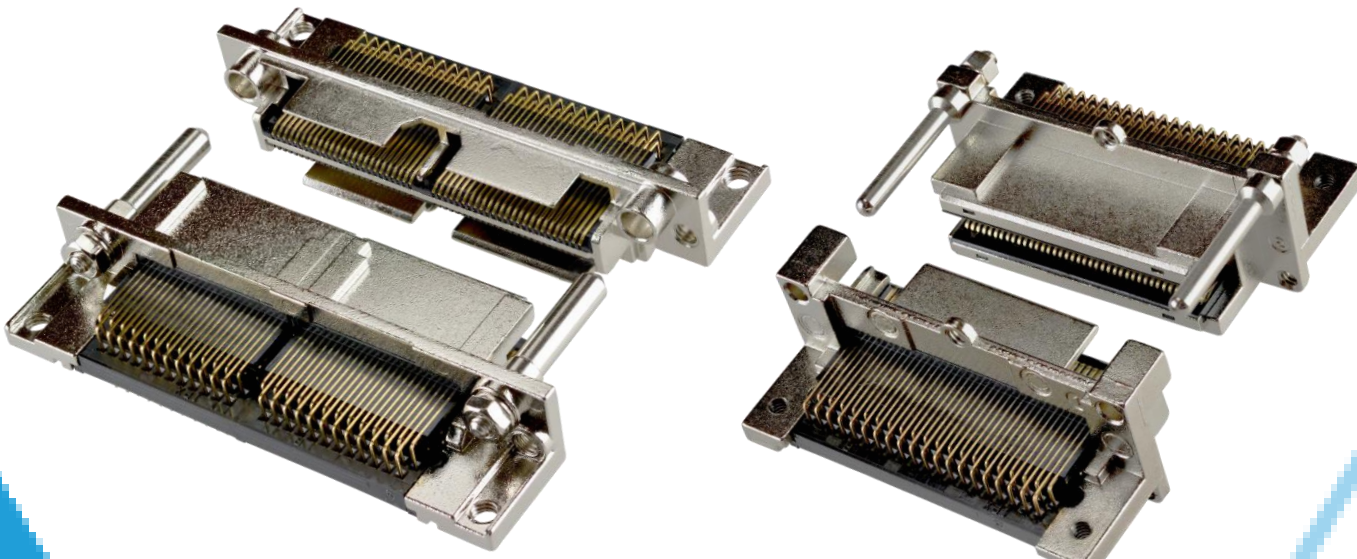
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



MINIDOCK™ series

MINIFLEX® series

EVAFLEX® series



FPC/FFC
Connectors



Inquiry



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