

MHF® I LK

嵌合ロック機構搭載RFコネクタ 対応周波数～9GHz、嵌合高さ2.9 mm max

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:

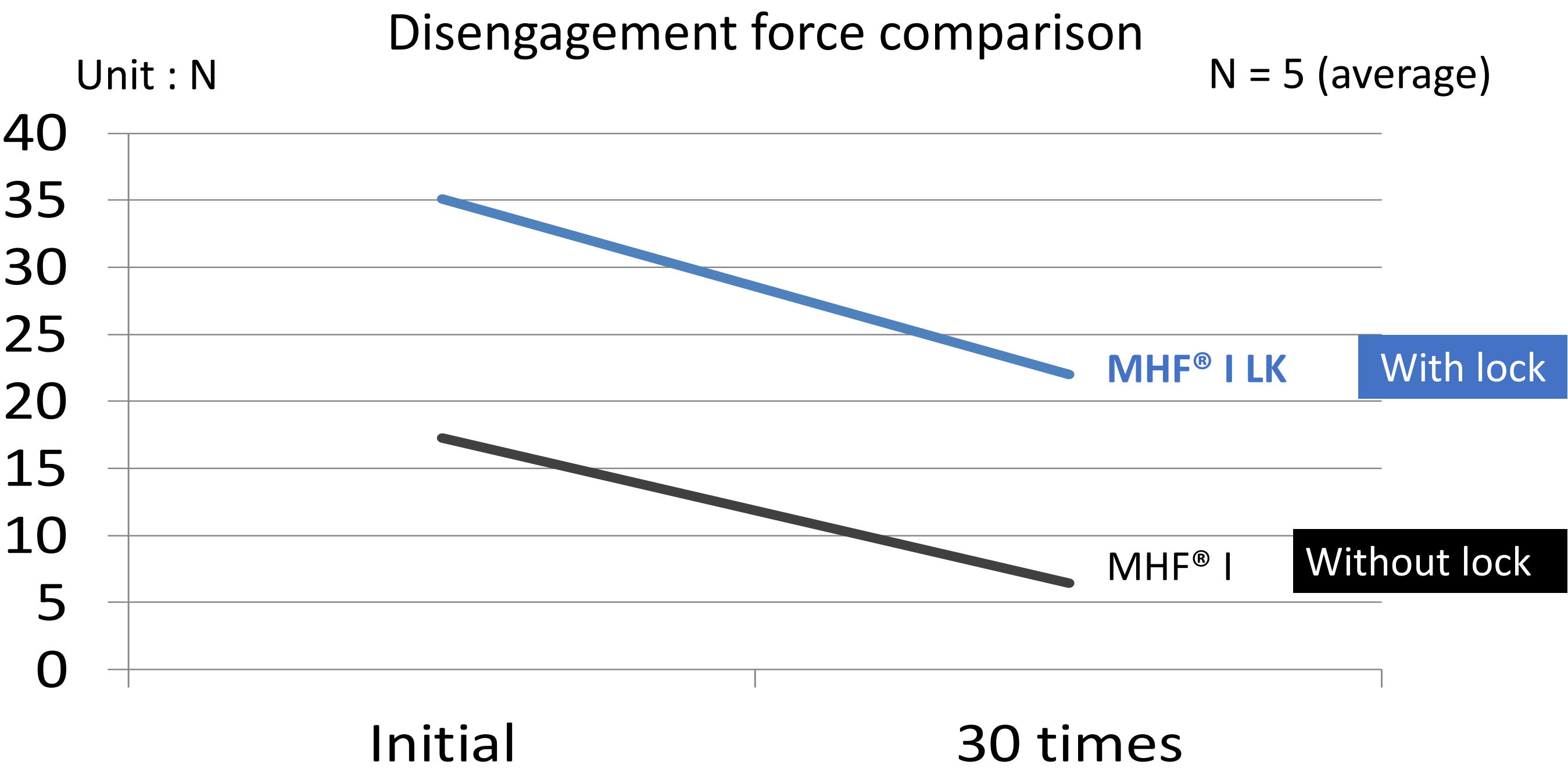
O.D. 0.81 mm / AWG 36
O.D. 1.13 mm / AWG 32
O.D. 1.32 mm / AWG 32
O.D. 1.37 mm / AWG 30
O.D. 1.80 mm / AWG 30

Applicable Standards (Reference Only):

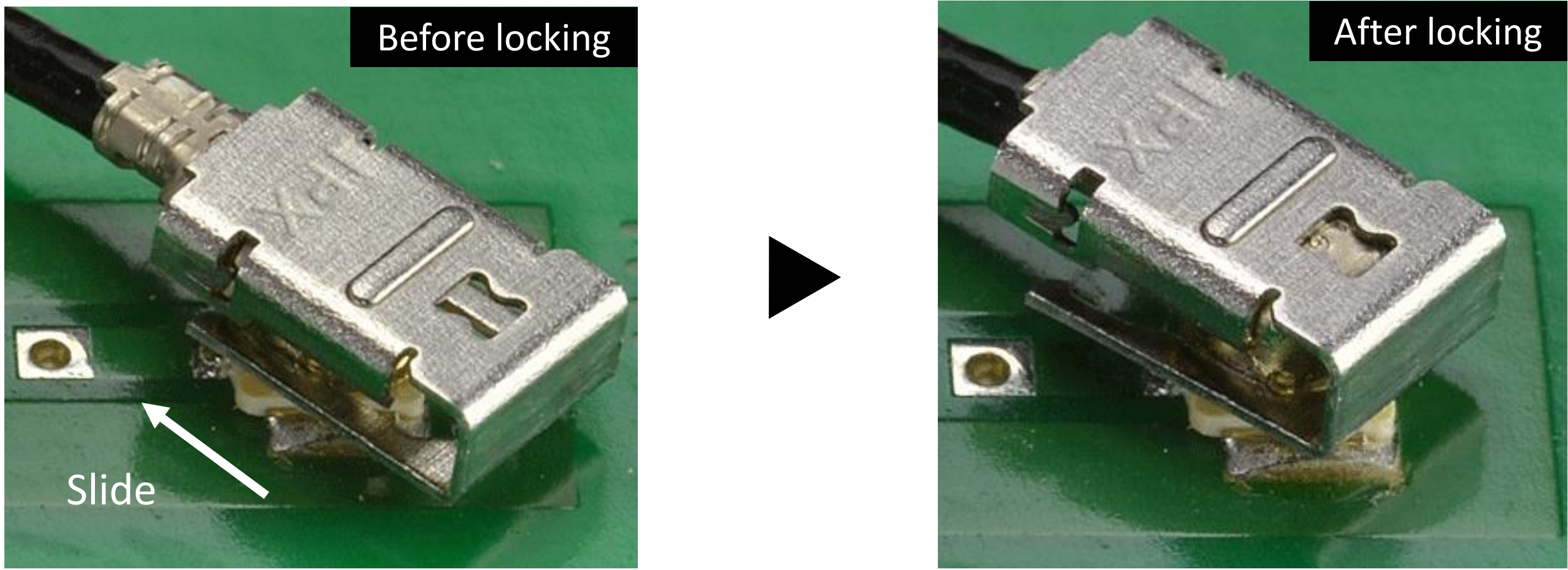
5G sub-6, Wi-Fi 6E, LTE/LTE-Advanced, LPWA, Bluetooth, GPS
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▶ 継続的な衝撃及び振動対策に最適



▶ MHF® I プラグ用嵌合ロックシステム

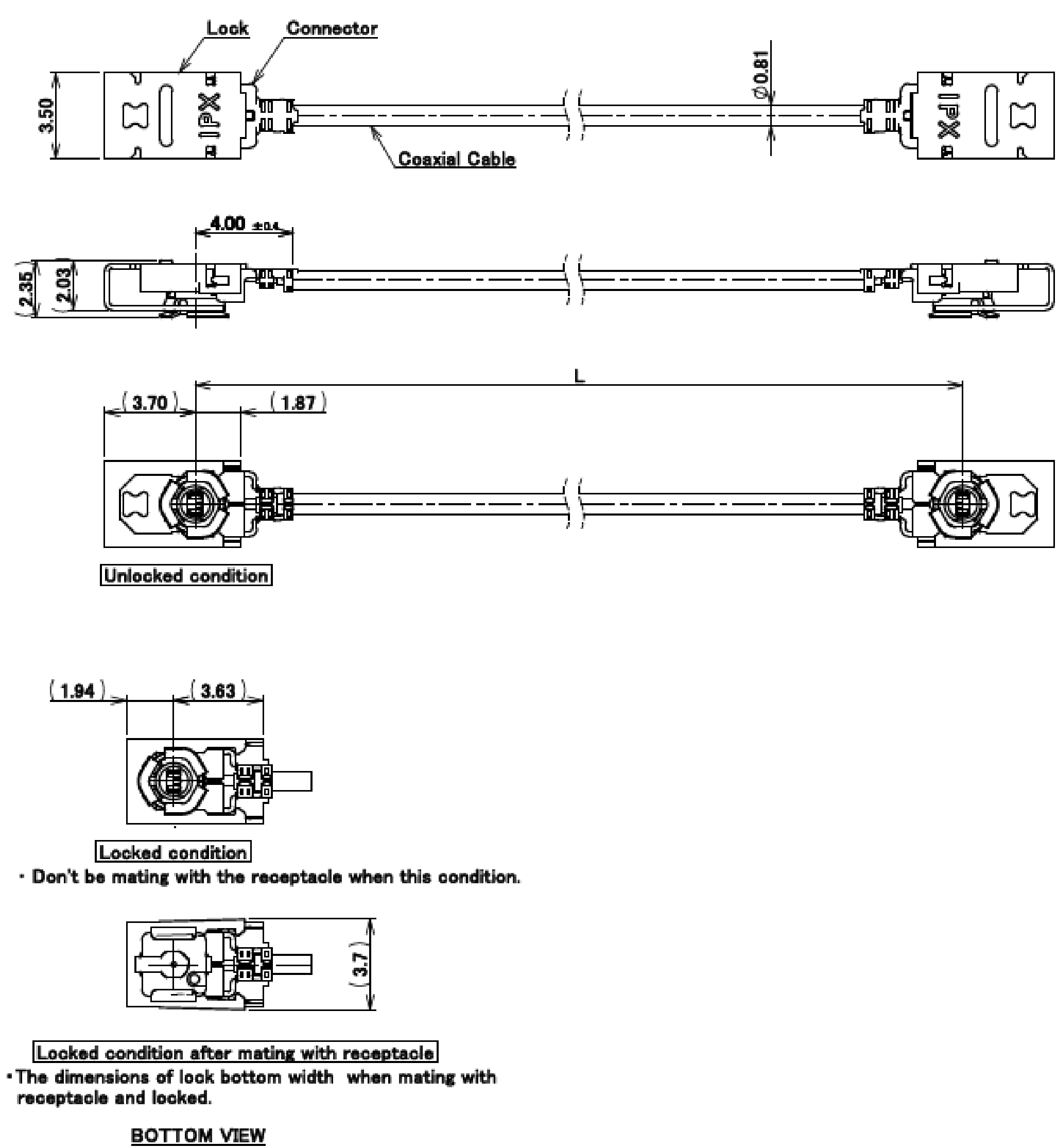


▶ すべてのMHF® I レセプタクルに嵌合可能

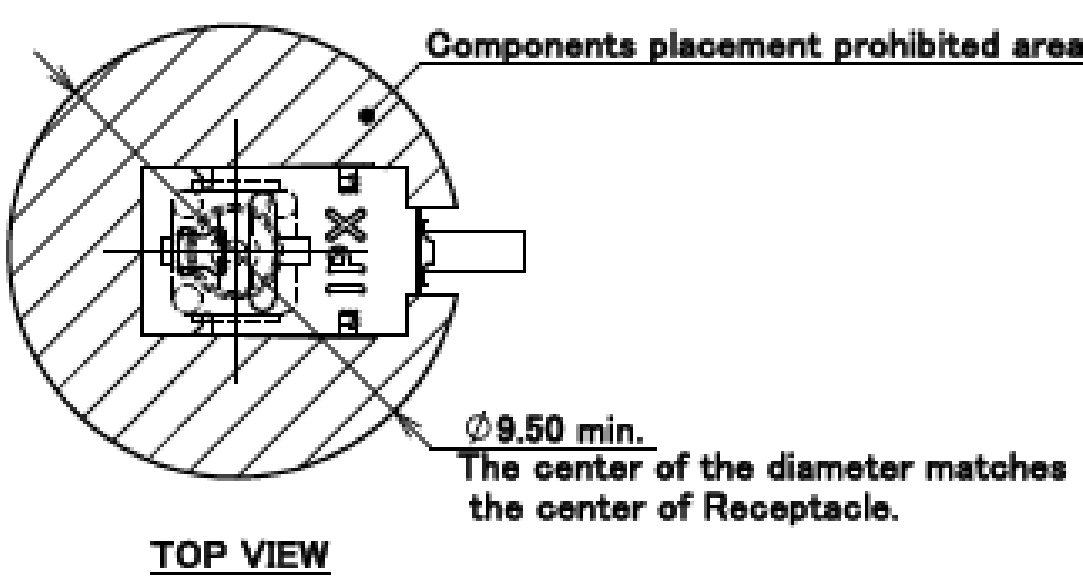
Product name		MHF® I LK	MHF® I	MHF® I
Lock		With Lock	Without Lock	Without Lock
Mating Height		2.9 mm max.	2.5 mm max.	3.0 mm max.
Coaxial O.D. (Center Conductor AWG)	2.00 mm (AWG#26)			●
	1.80 mm (AWG#30)	●	●	
	1.37 mm (AWG#30)	●	●	
	1.32 mm (AWG#32)	●	●	
	1.13 mm (AWG#32)	●	●	
	0.81 mm (AWG#36)	●	●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

Component Parts Details

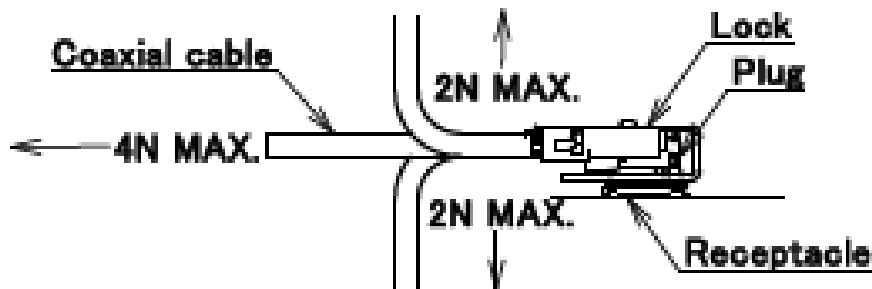
MHF® I LK



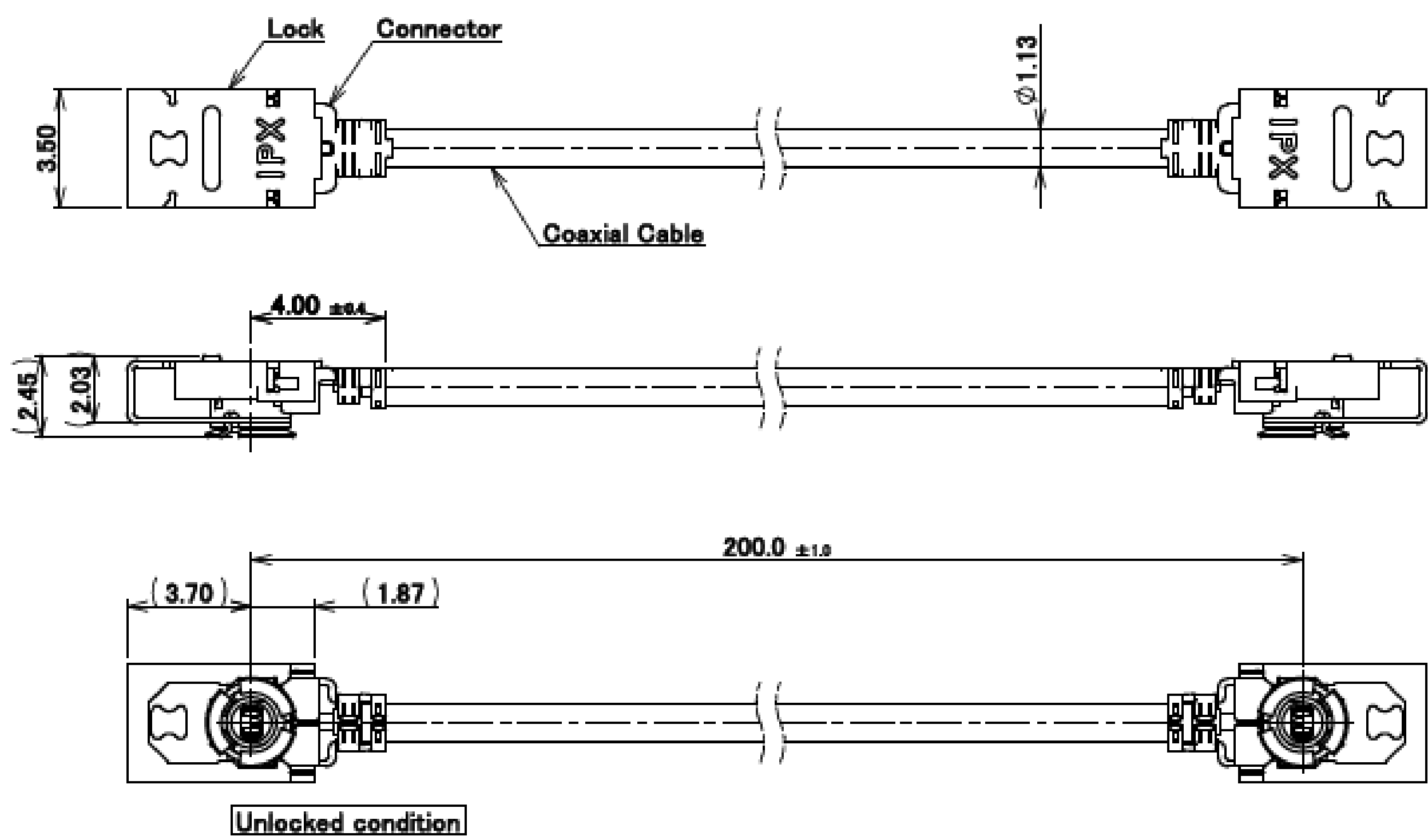
Cable : $\Phi 0.81$ mm



- 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.
 7. To handle lock parts
You must read and follow the instruction manual below.
I-PEX instruction manual No. HIM-17020

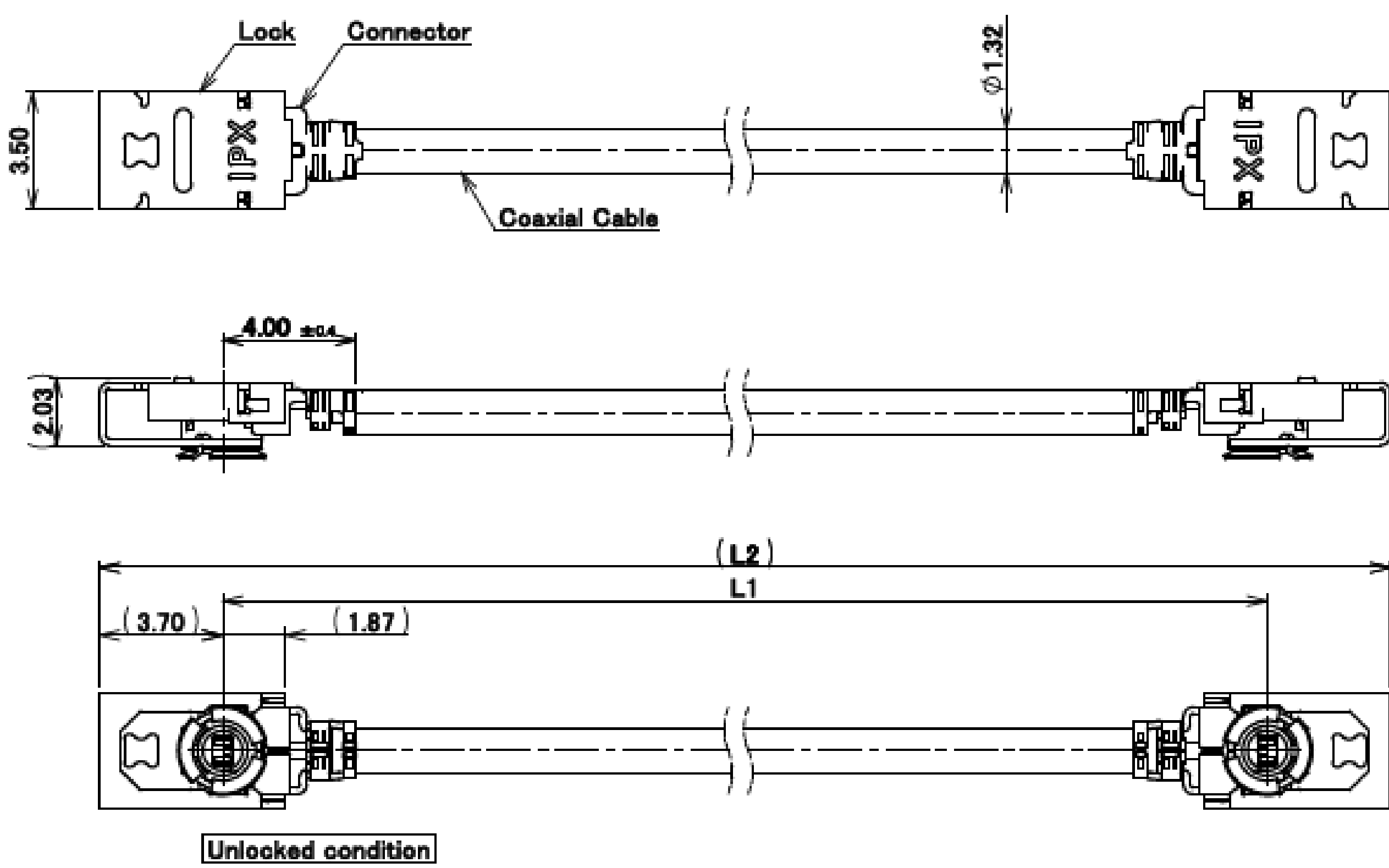


Cable : $\Phi 1.13\text{ mm}$



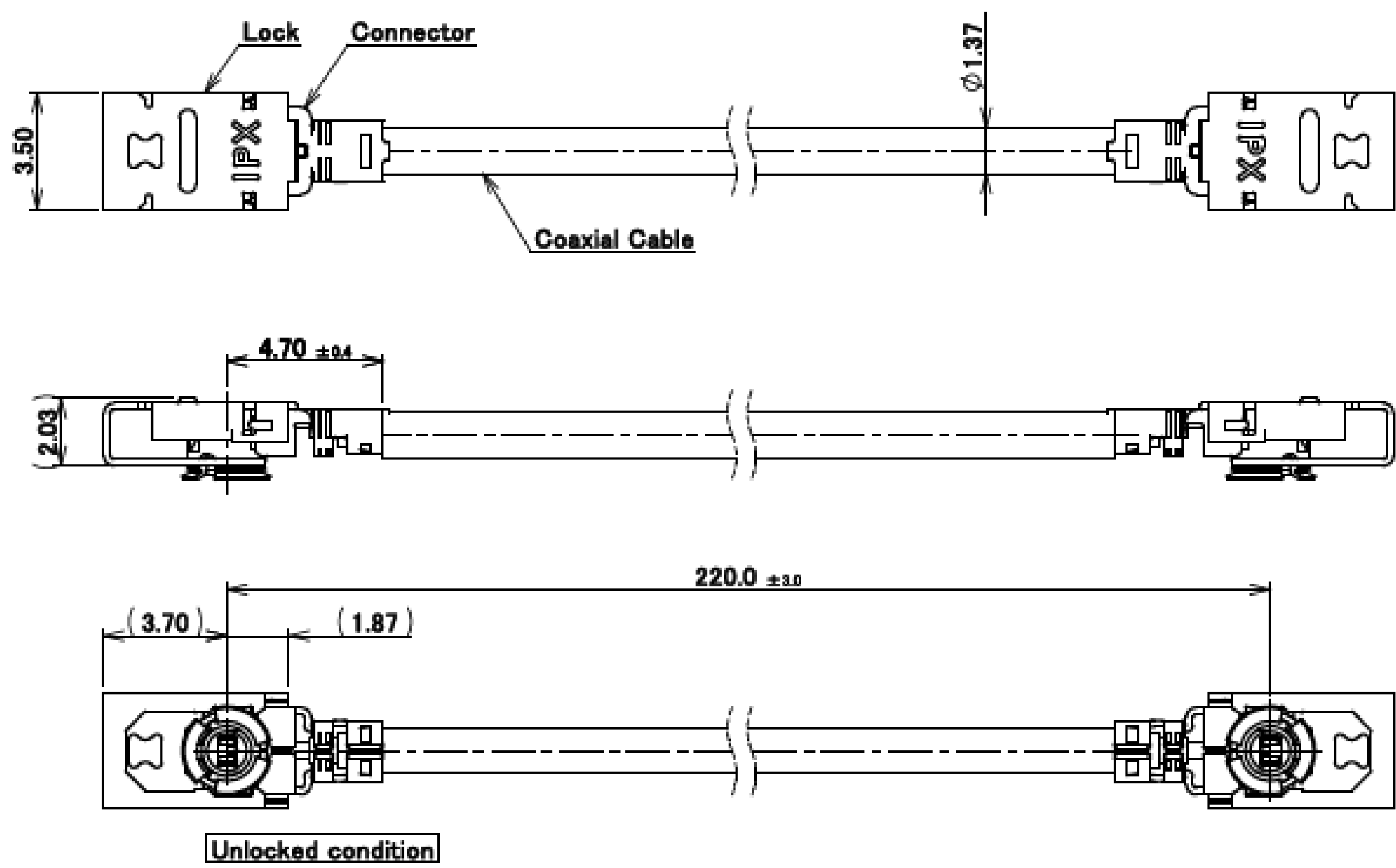
Rev.0

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



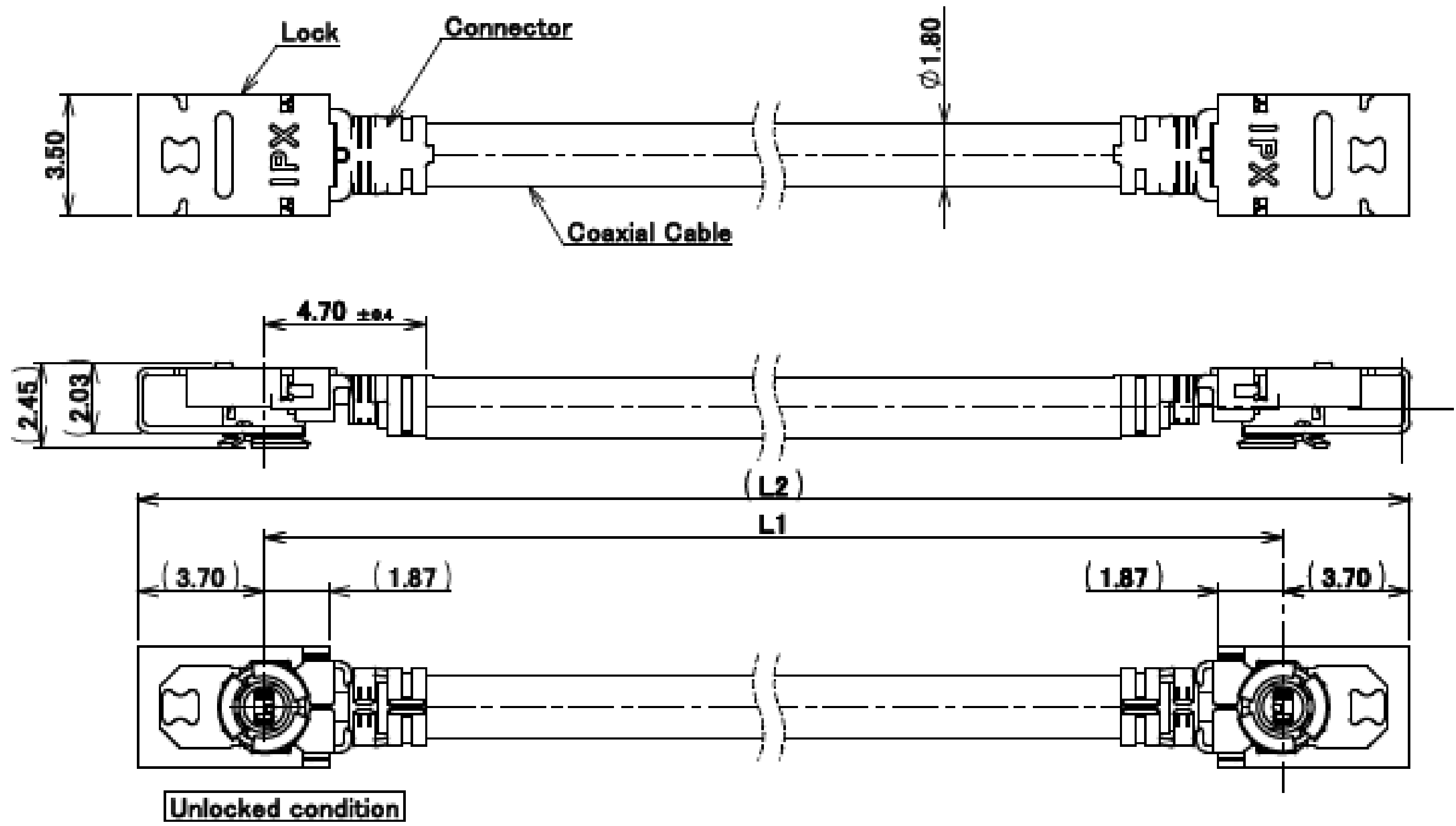
Rev.0

Cable : Φ1.37 mm



Rev.0

Cable : Φ1.80 mm



Rev.0

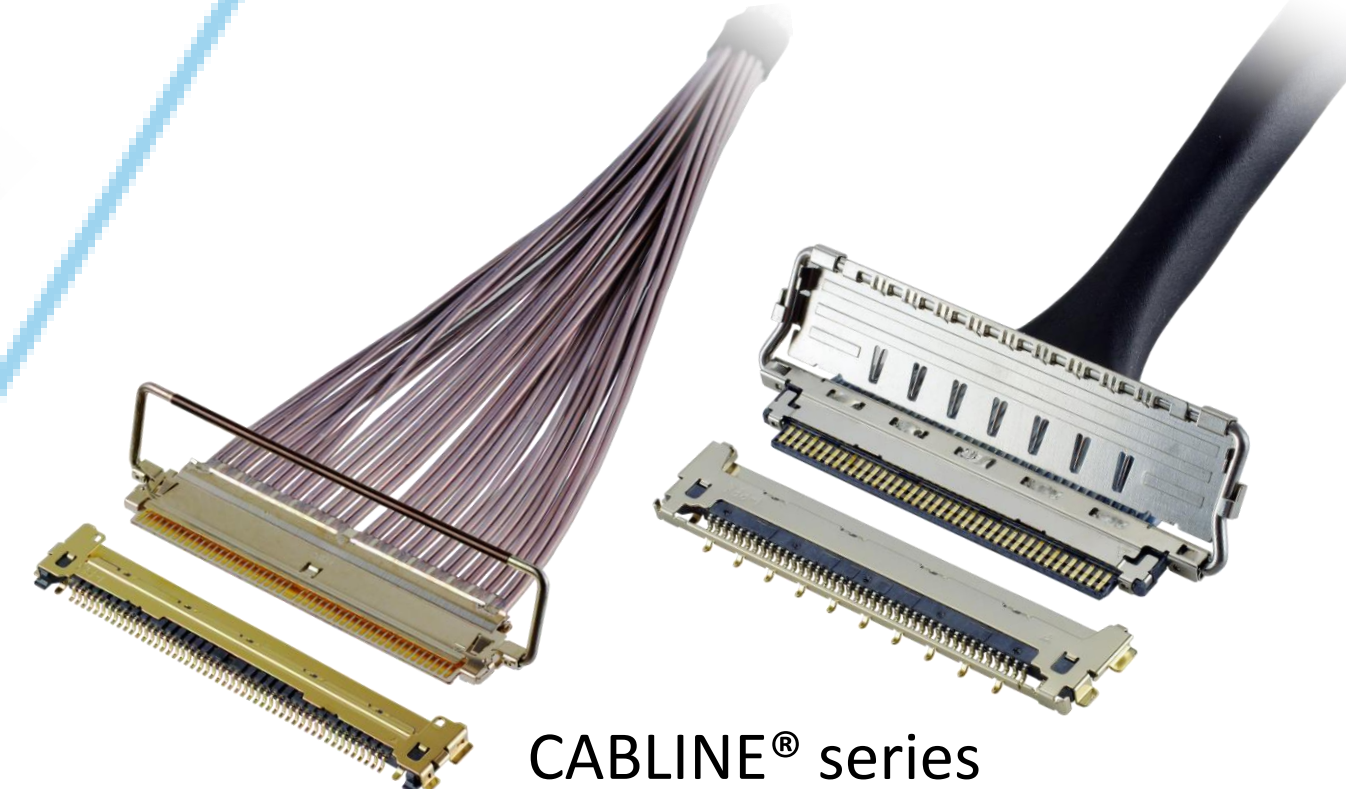
Custom Connectors Available

 RF
Connectors

MHF® series



Micro-coaxial/Twinax
Connectors

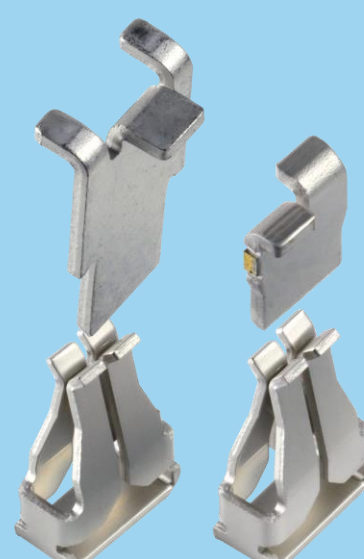


CABLINA® series

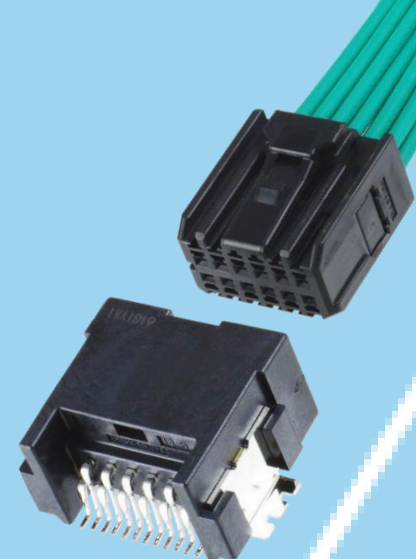


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



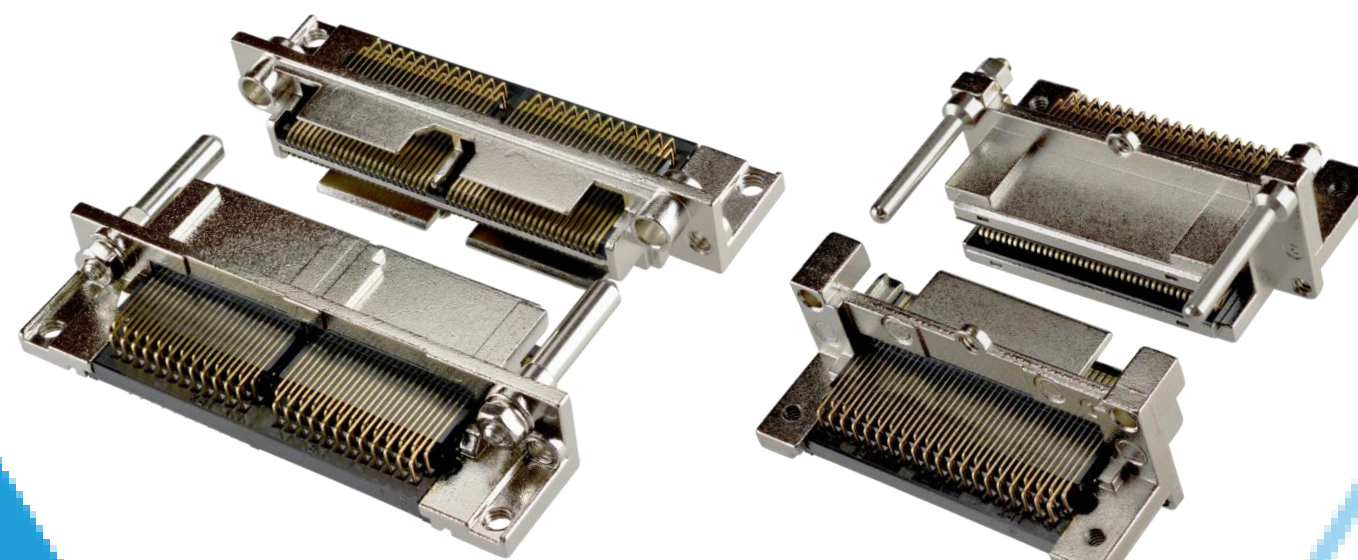
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



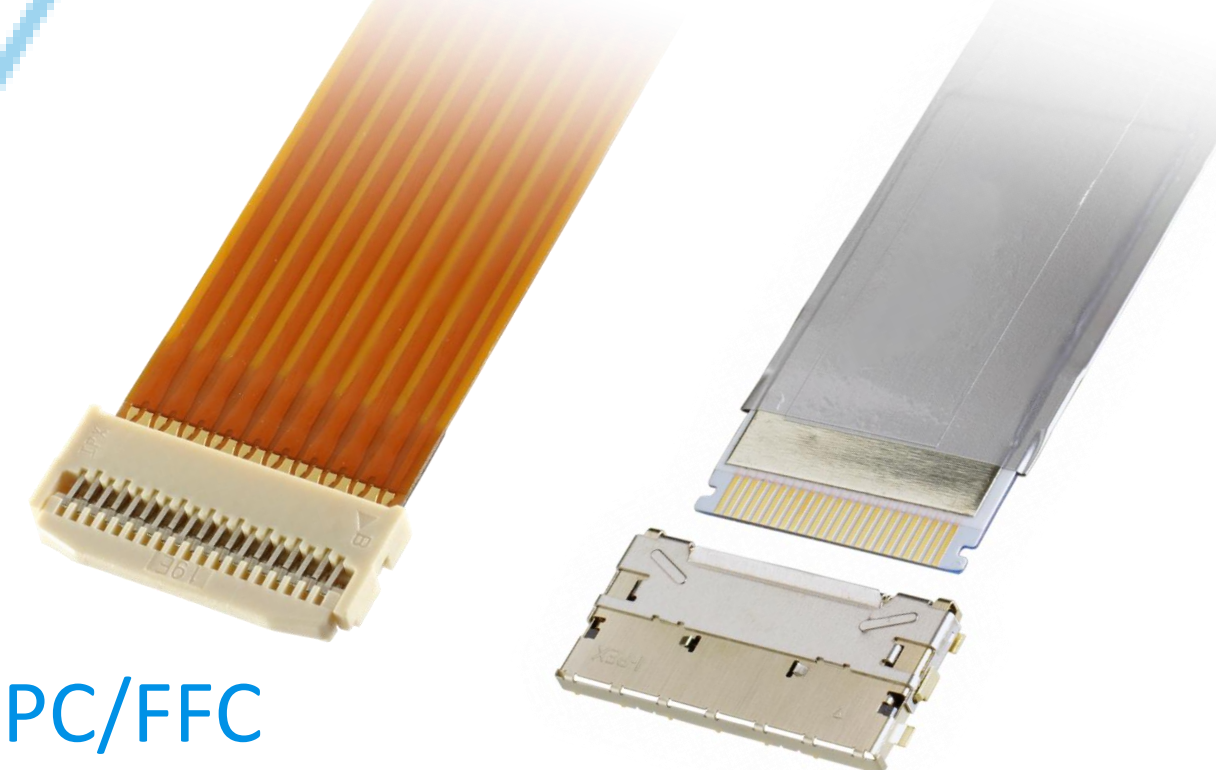
MINIDOCK™ series



FPC/FFC
Connectors

MINIFLEX® series

EVAFLEX® series



Inquiry



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