

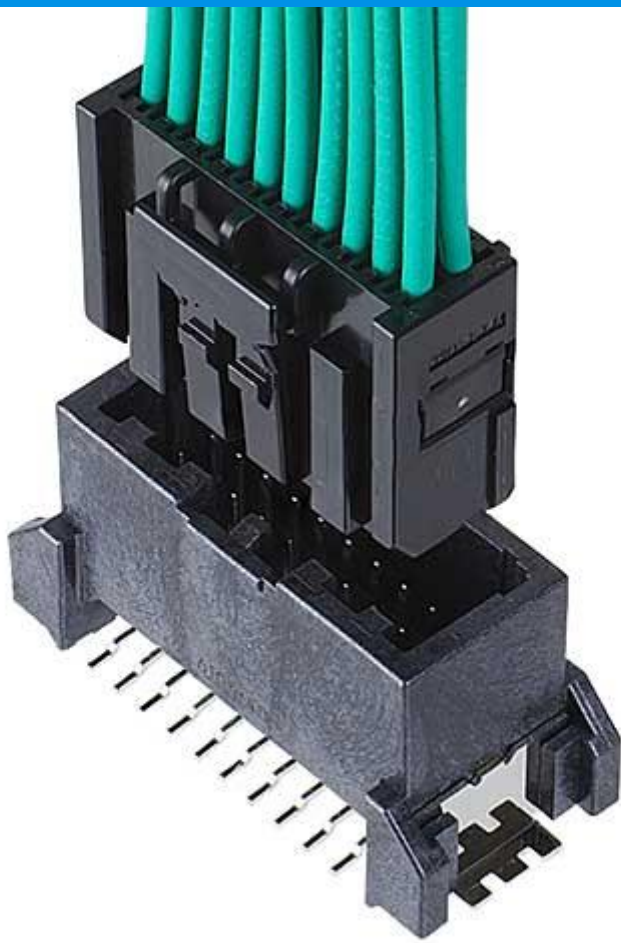
ISH[®] (Vertical Type)

耐热，耐振，垂直款SMT连接器

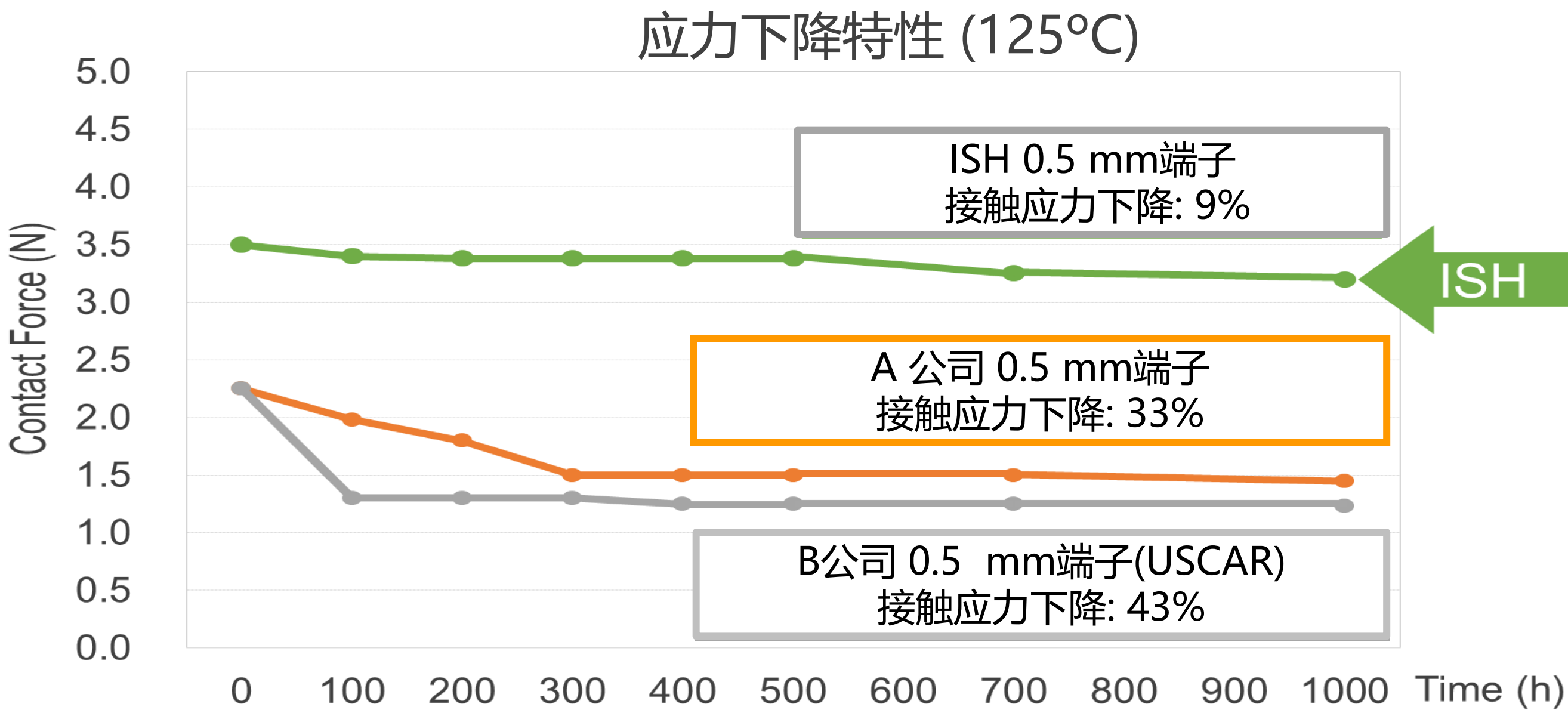
Product Specifications:		Single-row	Double-row
Pitch (mm max.)		2.0	
Contact Size (mm)		0.5 × 0.4(020)	
Mated Height (mm max.)		20.75	
Width formula (mm)		(ISH)7.6+1.0*?pin, (ISHV)10.5+1.0*?pin	
Operating Temperature		-40 - 125°C	
Vibration Resistance		10G	
Current Rating		4.5A per pin	
Voltage Rating		100V	
Withstand Voltage		AC 1000V/minute	
Plating		Sn	
Housing		Male:glass-filled LCP, Female:PBT	
Pin counts	Range	Up to 20	Up to 40
	Available	-	8*, 10, 20, 26

Applicable Cable Size:
AWG#22,#20
*Insulation Diameter 1.6 mm max.
Applicable Standards (Reference Only):
LV214 : 8P (optional)

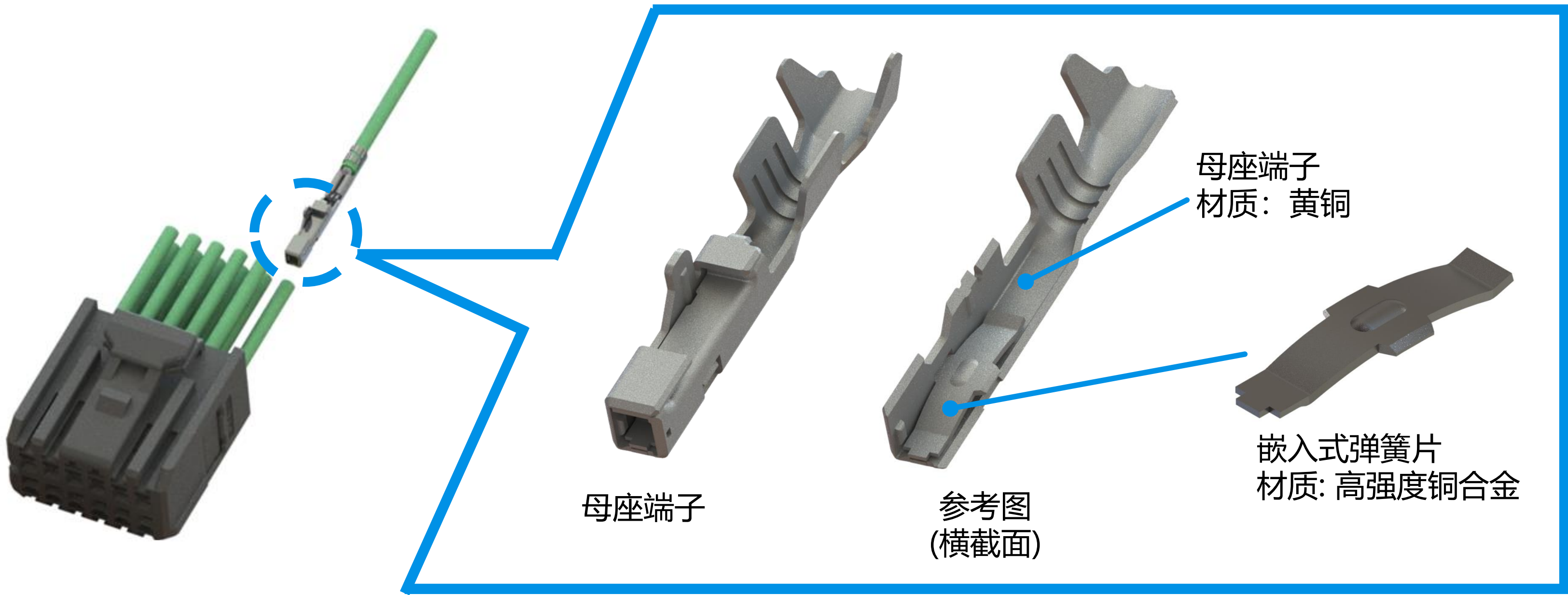
*如您需要了解未列出或不在范围内的Pin数，请咨询我们
*可提供 ISH V 8P



高耐热性和抗振动性，适用于高接触可靠性应用



独特的嵌入式弹簧接线端子，提供长期稳定的电气连接



符合 LV214 标准，专为汽车和工业级应用而设计

汽车应用



- 前照灯和其他车灯
- 逆变器和DC/DC转换器
- 蓄电池控制模块
- 前/后视摄像头控制模块
- 仪表盘

非汽车应用



- 越野车辆 (ATV/UTV、QUADS、三轮车)
- 卡车和建筑机械 (挖掘机、装载机)
- 工厂自动化设备

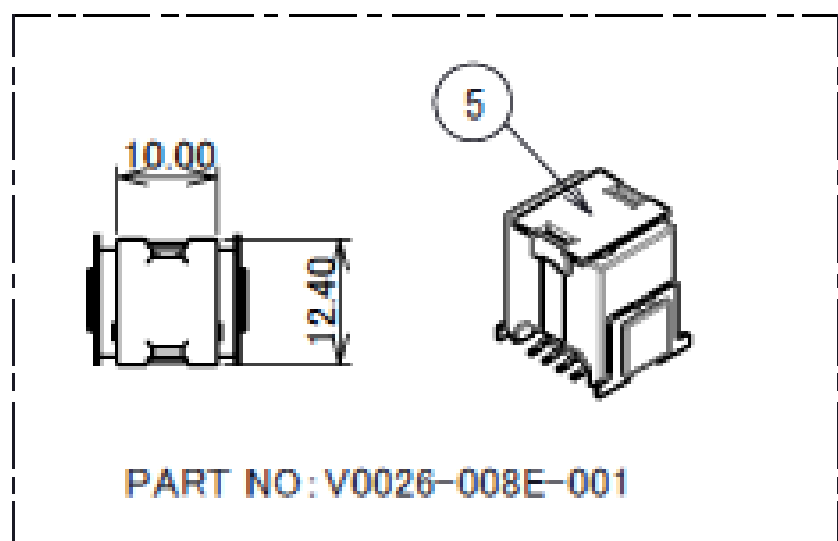
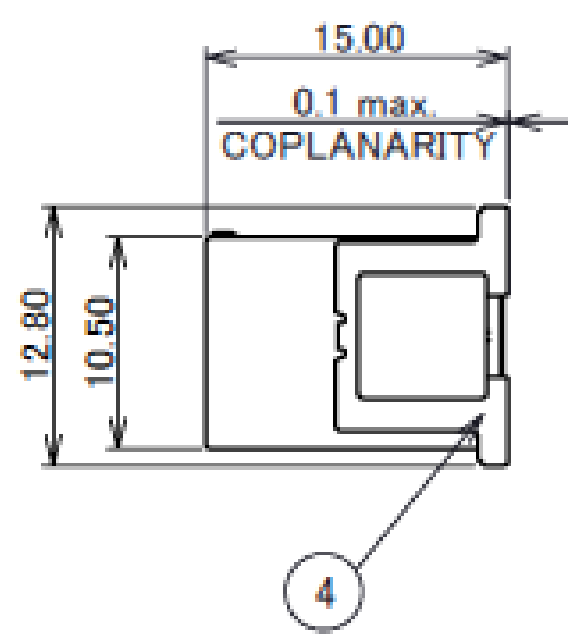
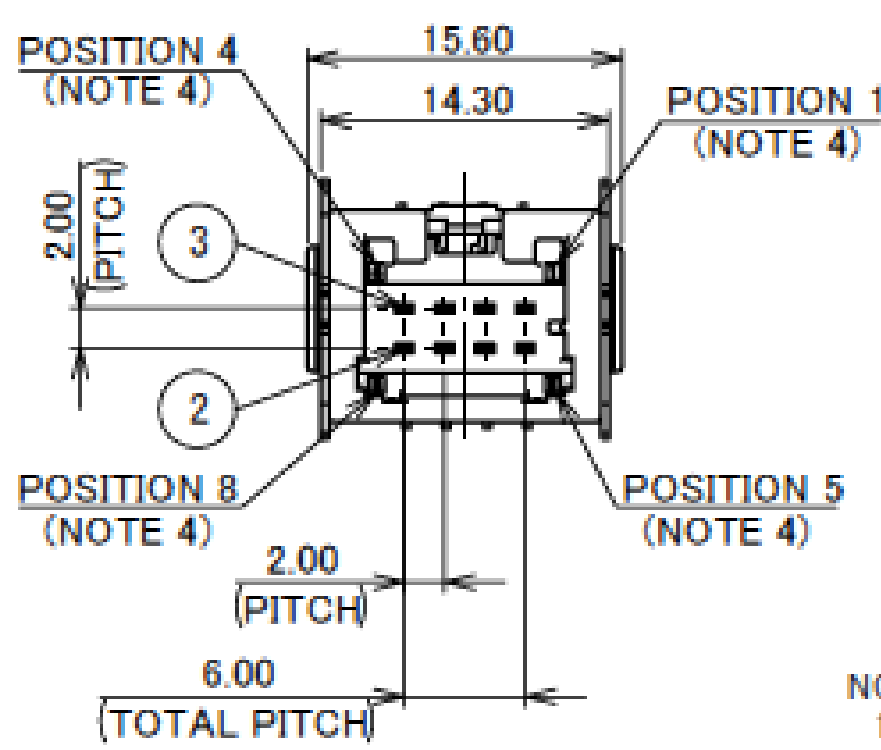
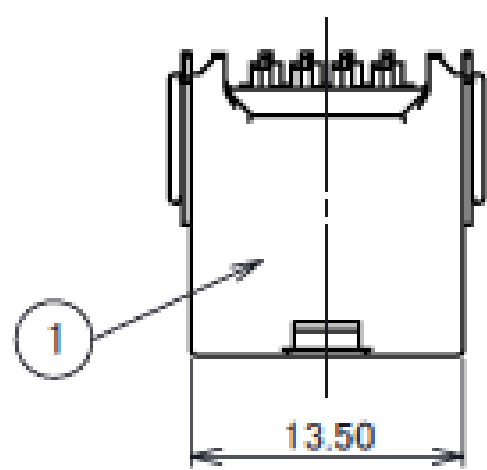
适用于需要符合LV214标准的应用
请访问[我们的网站](#)了解符合LV214标准的料号。

请联系您当地的销售代表，了解更详细的信息 www.i-pex.com

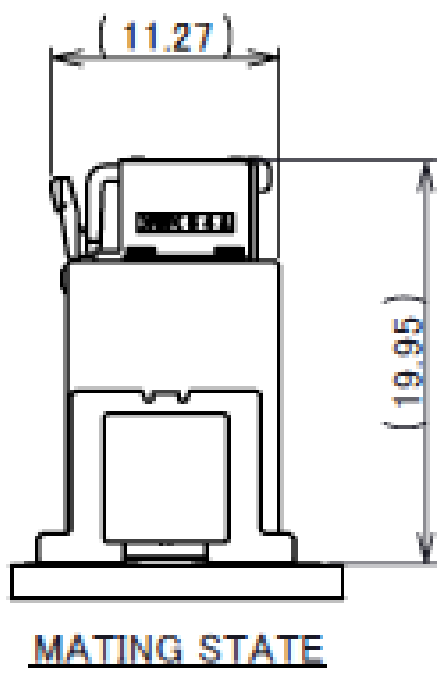
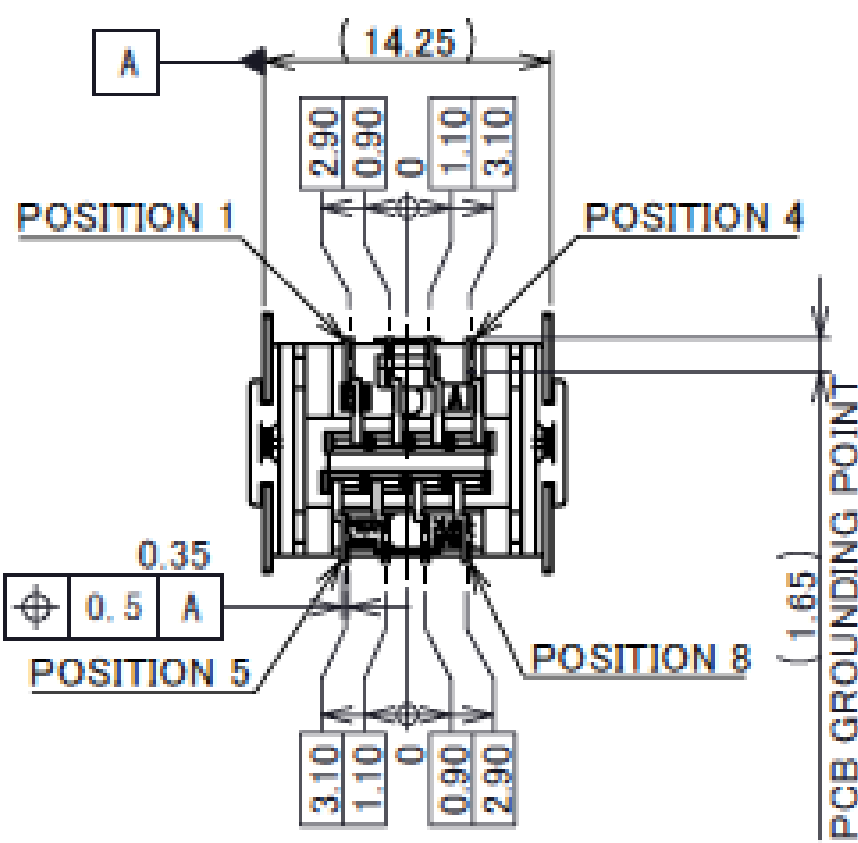
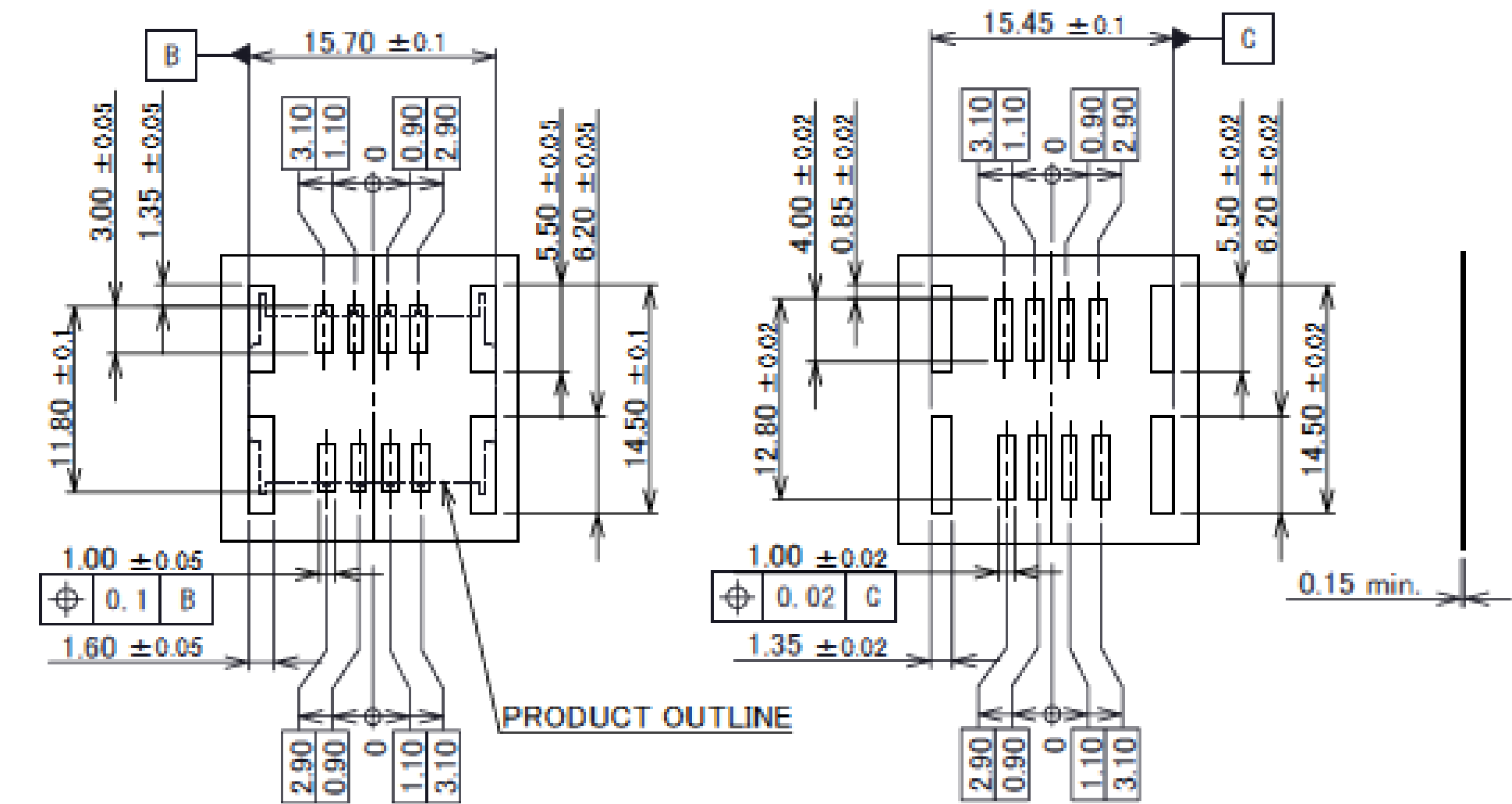
Component Parts Details

ISH[®] (Vertical Type) MALE (8P) ※ISHV:

MALE CONNECTOR	
PART NO.	VACUUM CAP
V0026-008E-001	WITH
◆V0026-008E-002	WITHOUT
◆MARK MEANS NOT AVAILABLE.	



- NOTES
1. APPLICABLE PART NO.:
 - FEMALE HOUSING...V0027-91008-211
 - FEMALE RETAINER...V0116-92008-01
 - FEMALE TERMINAL...VT009-02
 2. COMPLY WITH ELV/RoHS
 3. USE METAL MASK WHICH HAS A THICKNESS OF 0.15mm MIN. WHEN THE MALE CONNECTOR IS MOUNTED ON THE PCB.
 4. POSITION NUMBERS ARE INDICATED.

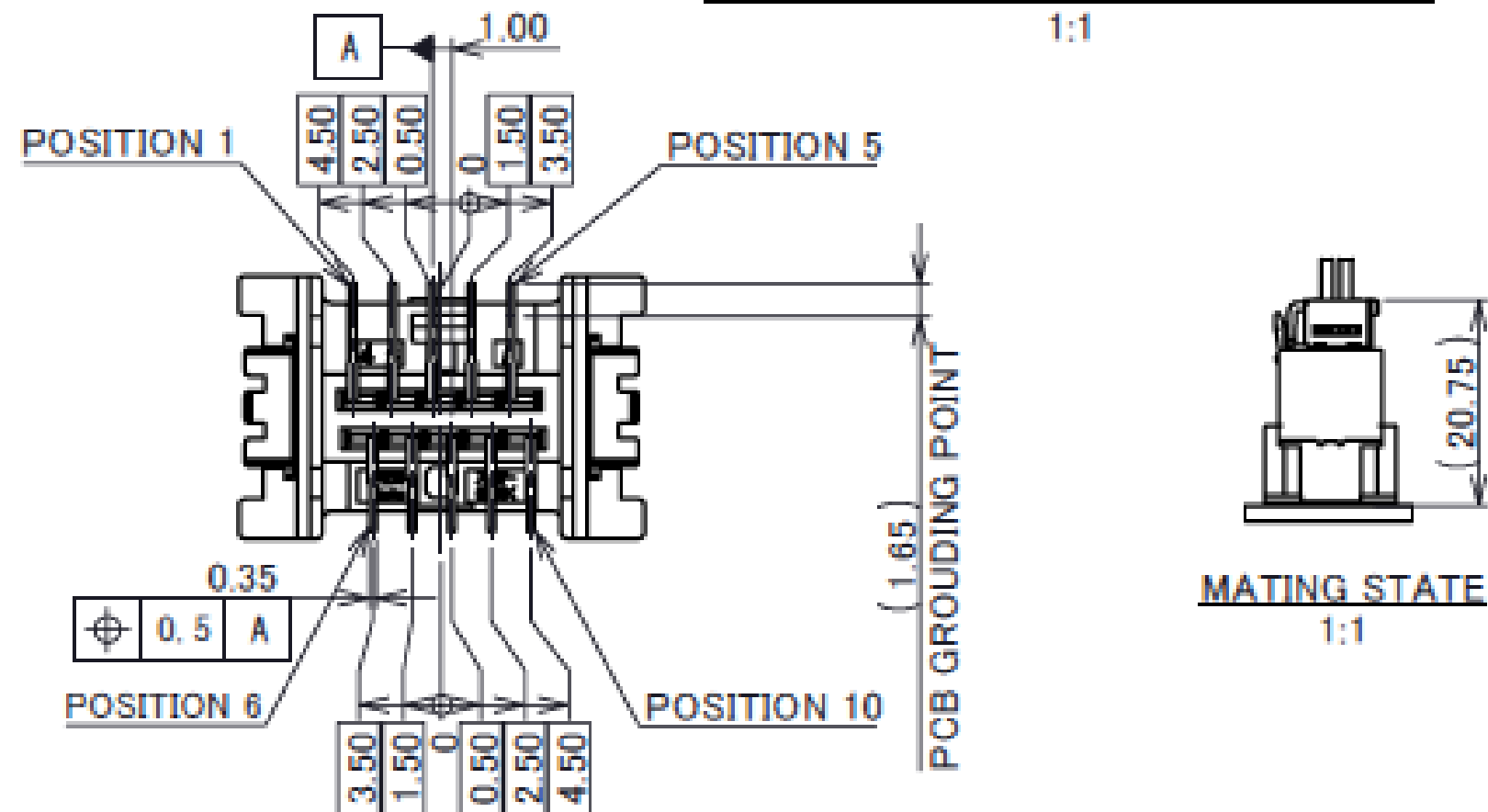
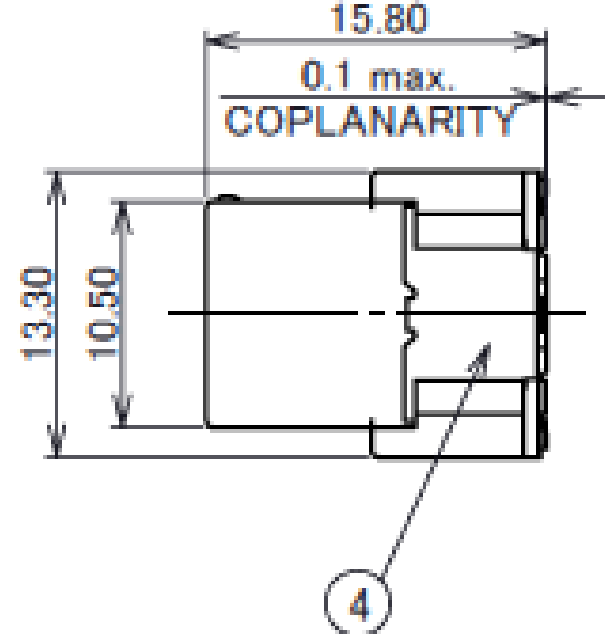
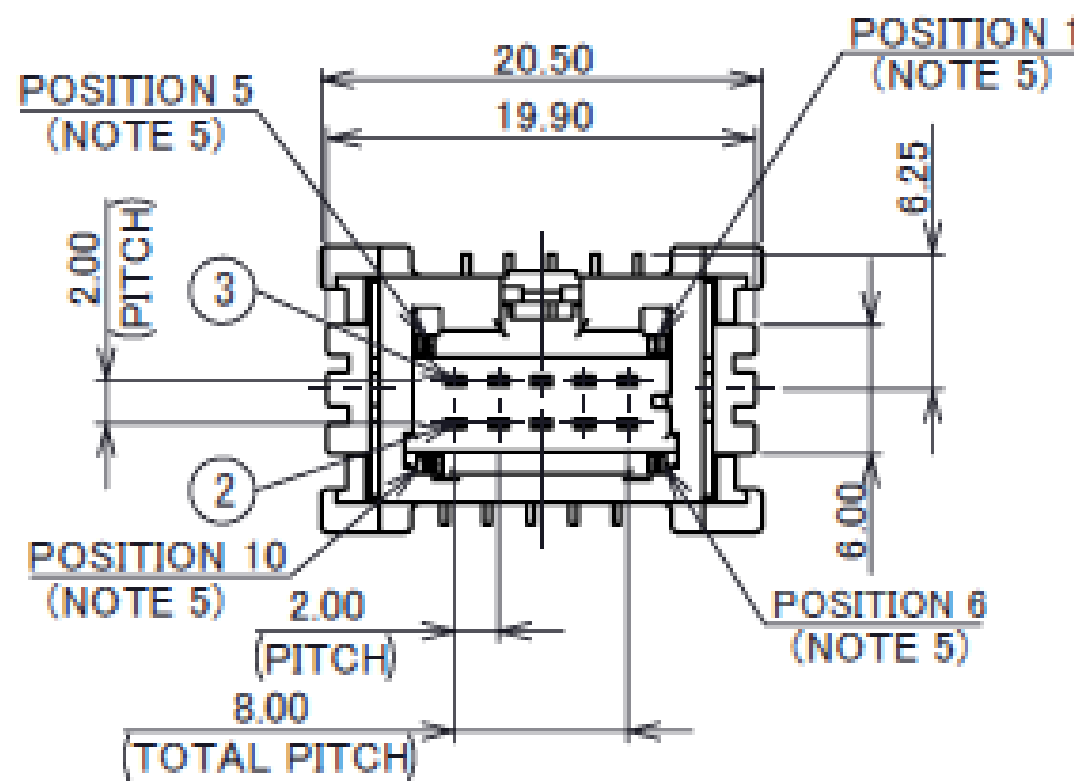
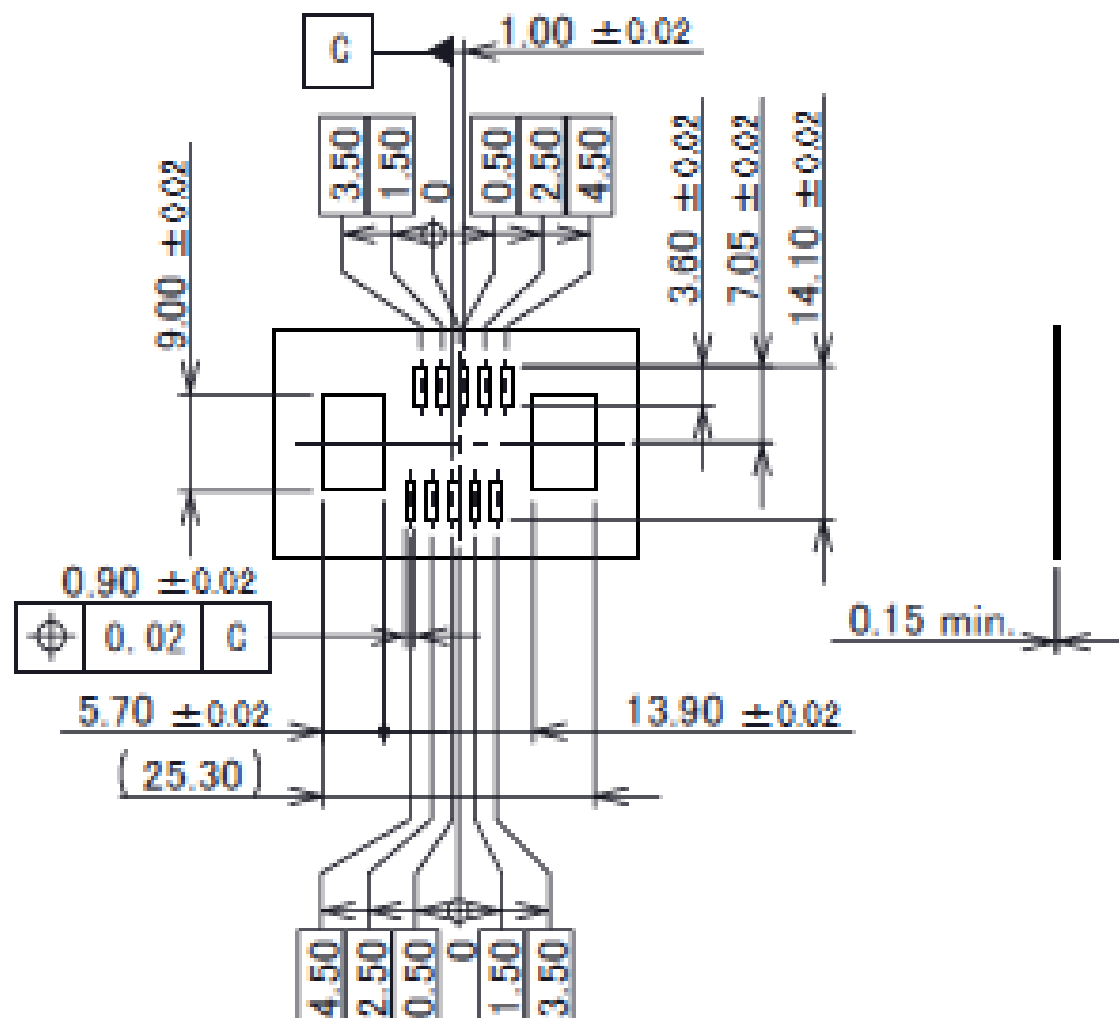
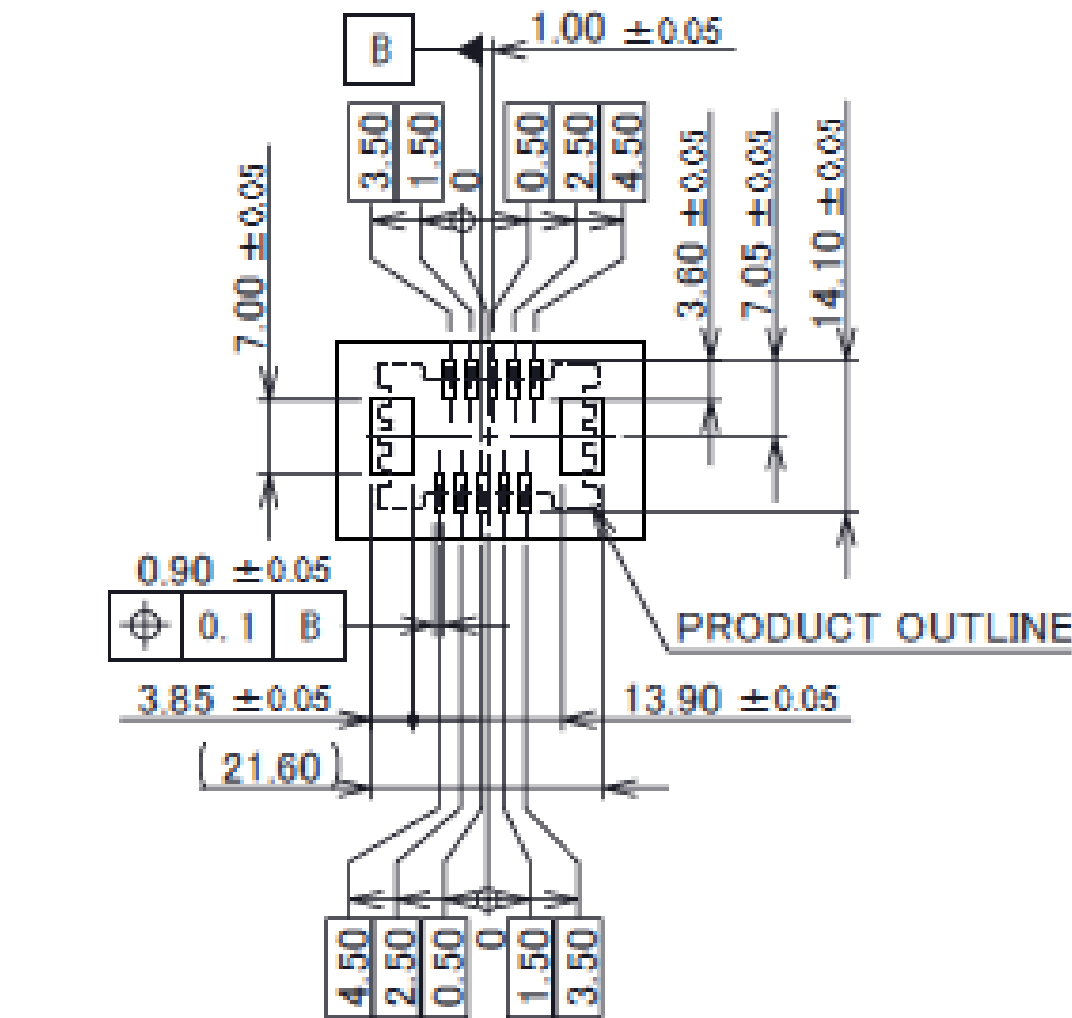
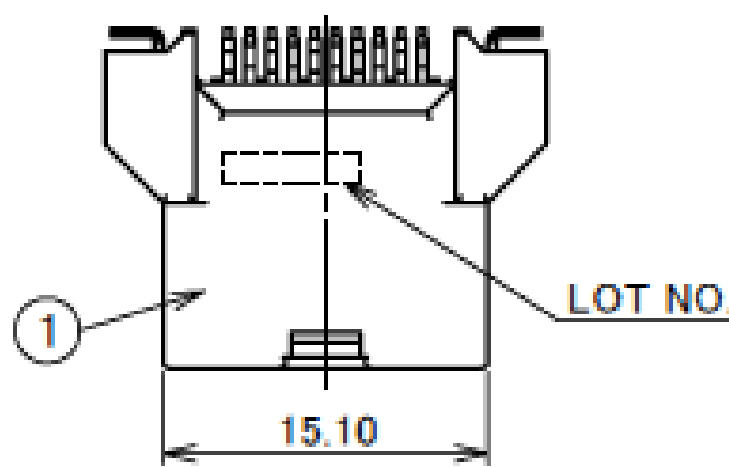


5	VACUUM GAP	GLASS-FILLED LOP	NATURAL
4	HOLD DOWN	BRASS	S _n REFLOW
3	MALE TERMINAL-2	BRASS	S _n REFLOW
2	MALE TERMINAL-1	BRASS	S _n REFLOW
1	MALE HOUSING	GLASS-FILLED LOP	BLACK/UL94V-0
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

ISH® (Vertical Type) MALE (10P):

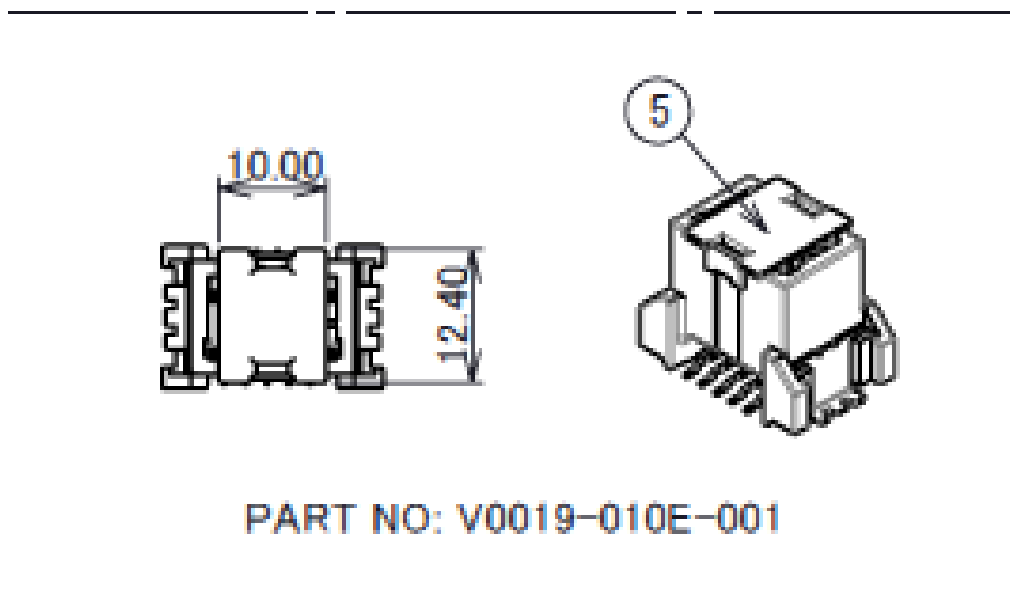
PART NO.	VACUUM CAP
V0019-010E-001	WITH
◆V0019-010E-002	WITHOUT

◆MARK MEANS NOT AVAILABLE.



- NOTES
- 1.APPLICABLE PART NO.:
 - FEMALE HOUSING...V0020-91010-211
 - FEMALE RETAINER...V0020-92010-211
 - FEMALE TERMINAL...VT009-02
 - 2.COMPLY WITH ELV/RoHS.
 - 3.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL(HDM-0020)
 - 4.USE METAL MASK WHICH HAS A THICKNESS OF 0.15mm MIN. WHEN THE MALE CONNECTOR IS MOUNTED ON THE PCB.
 - 5.POSITION NUMBERS ARE INDICATED.

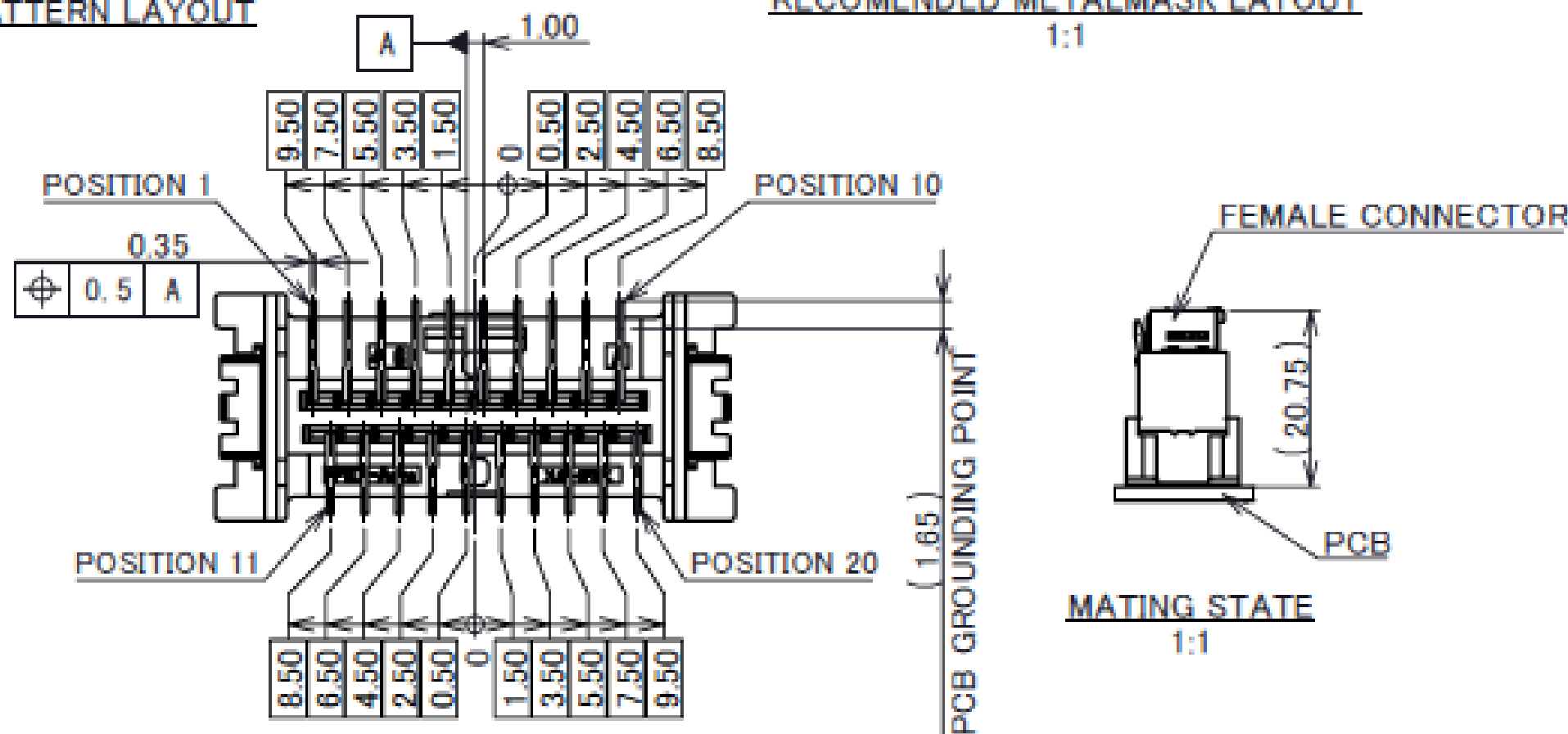
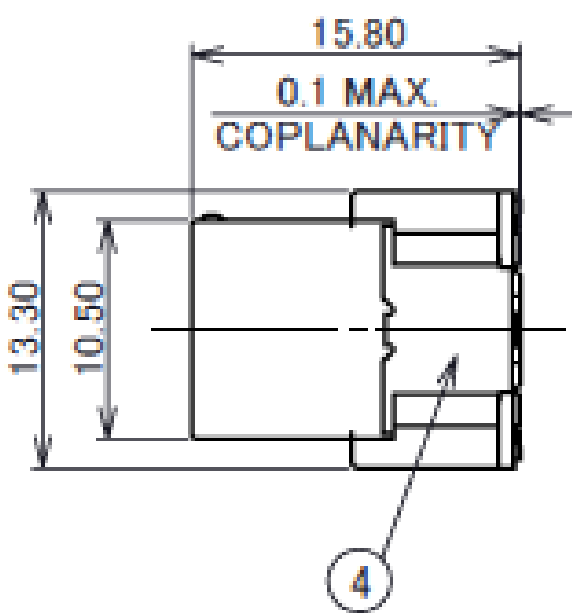
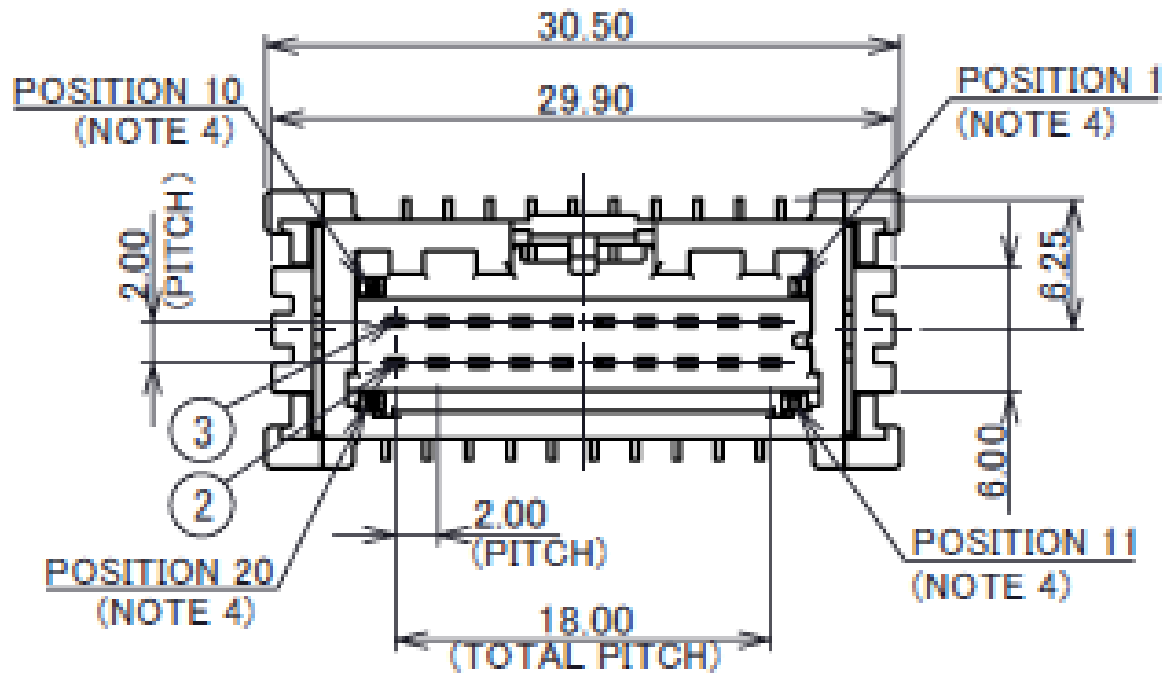
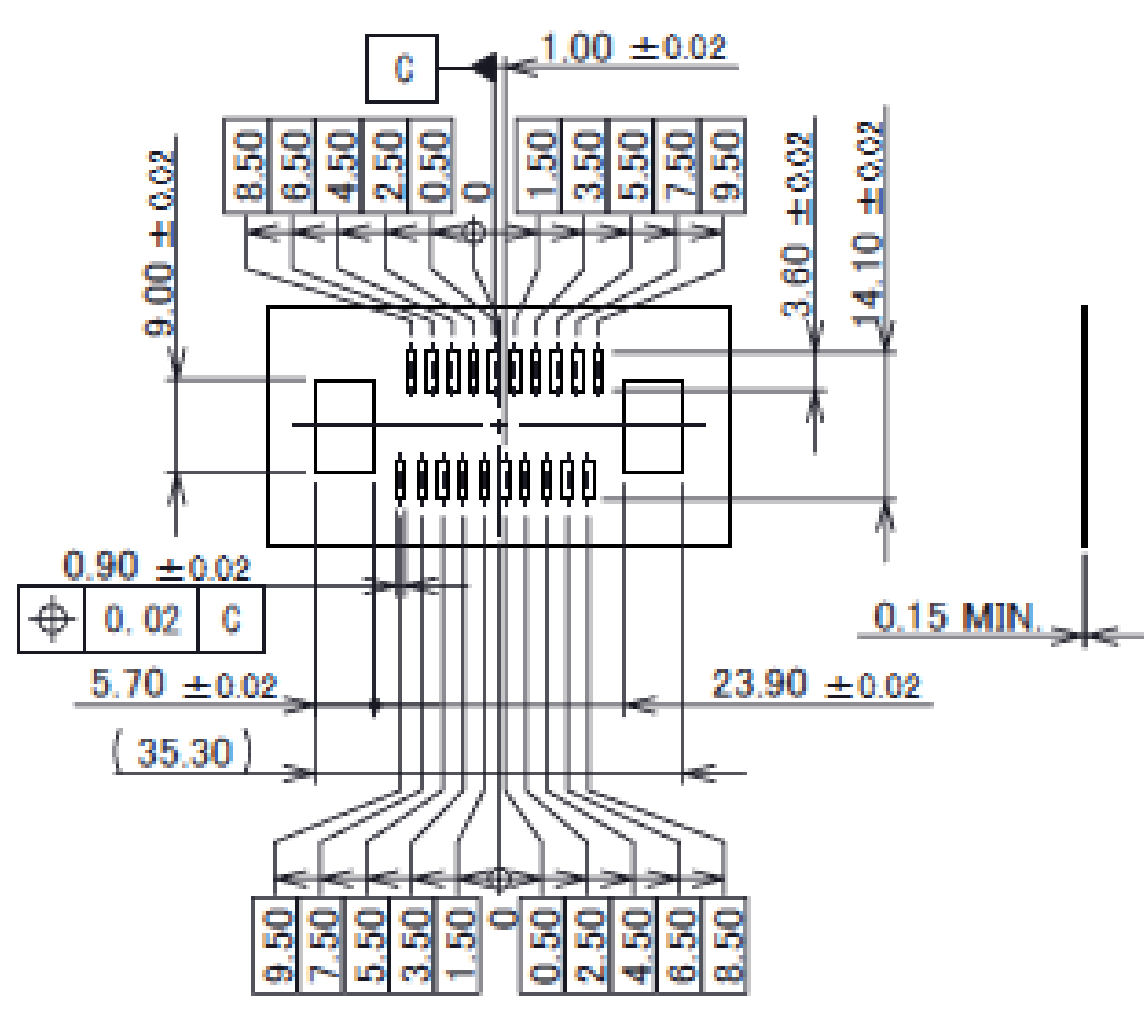
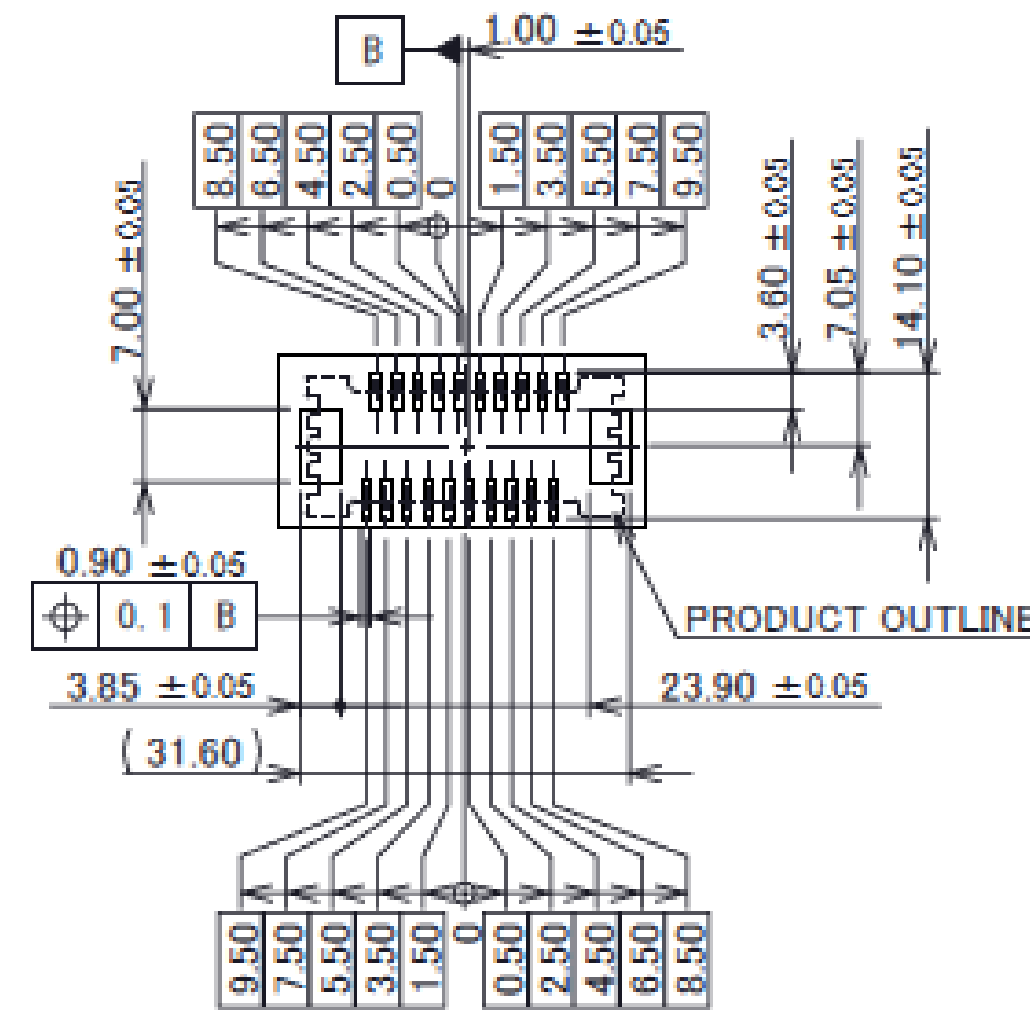
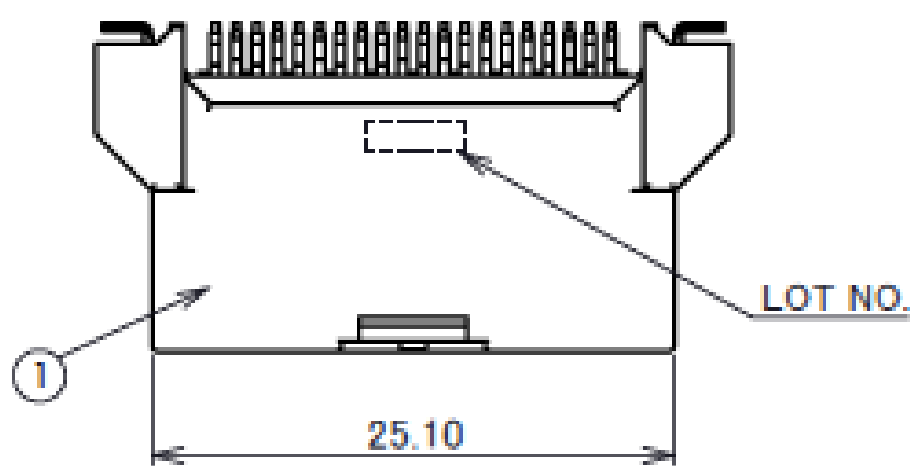
5	VACUUM CAP	GLASS-FILLED LCP	NATURAL
4	HOLD DOWN	BRASS	Sn REFLOW
3	MALE TERMINAL-2	BRASS	Sn REFLOW
2	MALE TERMINAL-1	BRASS	Sn REFLOW
1	MALE HOUSING	GLASS-FILLED LCP	BLACK / UL94V-0
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS



Rev.0

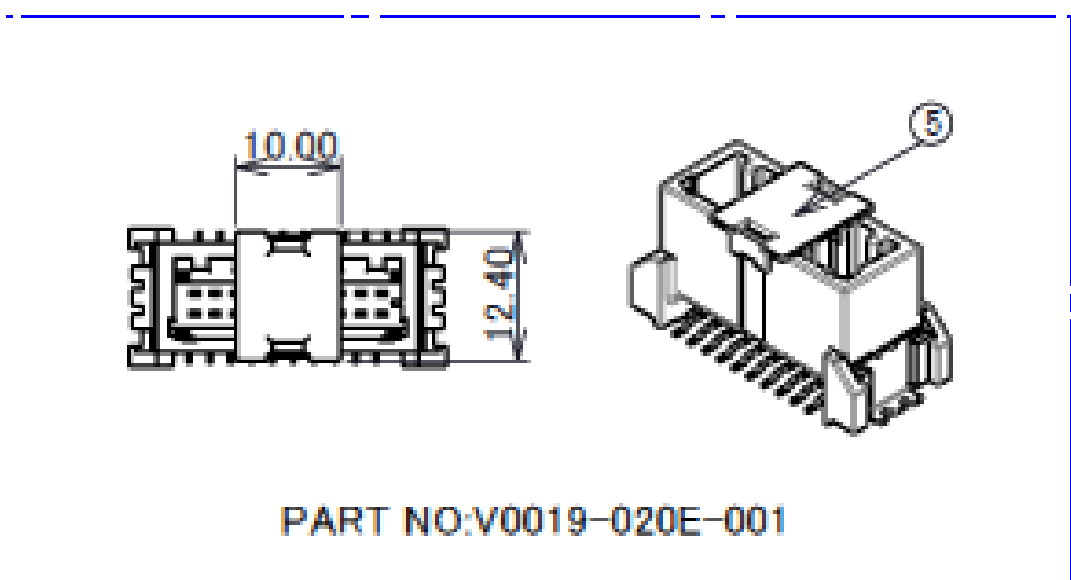
ISH® (Vertical Type) MALE (20P):

PART NO.
V0019-020E-001
V0019-020E-002



- NOTES
- 1.APPLICABLE PART NO.:
 - FEMALE HOUSING...V0020-91020-211
 - FEMALE RETAINER...V0020-92020-211
 - FEMALE TERMINAL...VT009-02
 - 2.COMPLY WITH ELV/RoHS
 - 3.USE METAL MASK WHICH HAS A THICKNESS OF 0.15mm MIN. WHEN THE MALE CONNECTOR IS MOUNTED ON THE PCB.
 - 4.POSITION NUMBERS ARE INDICATED.

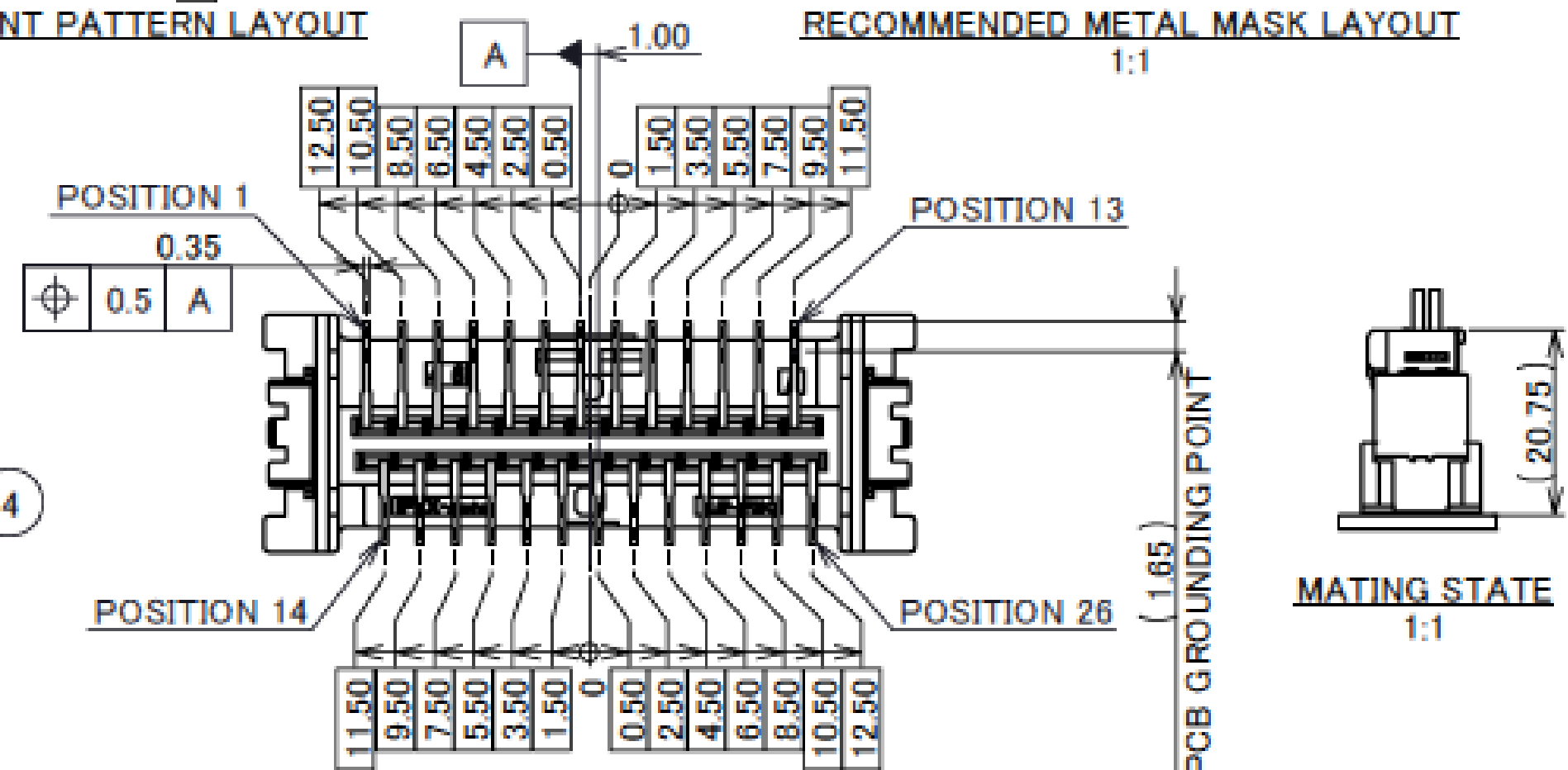
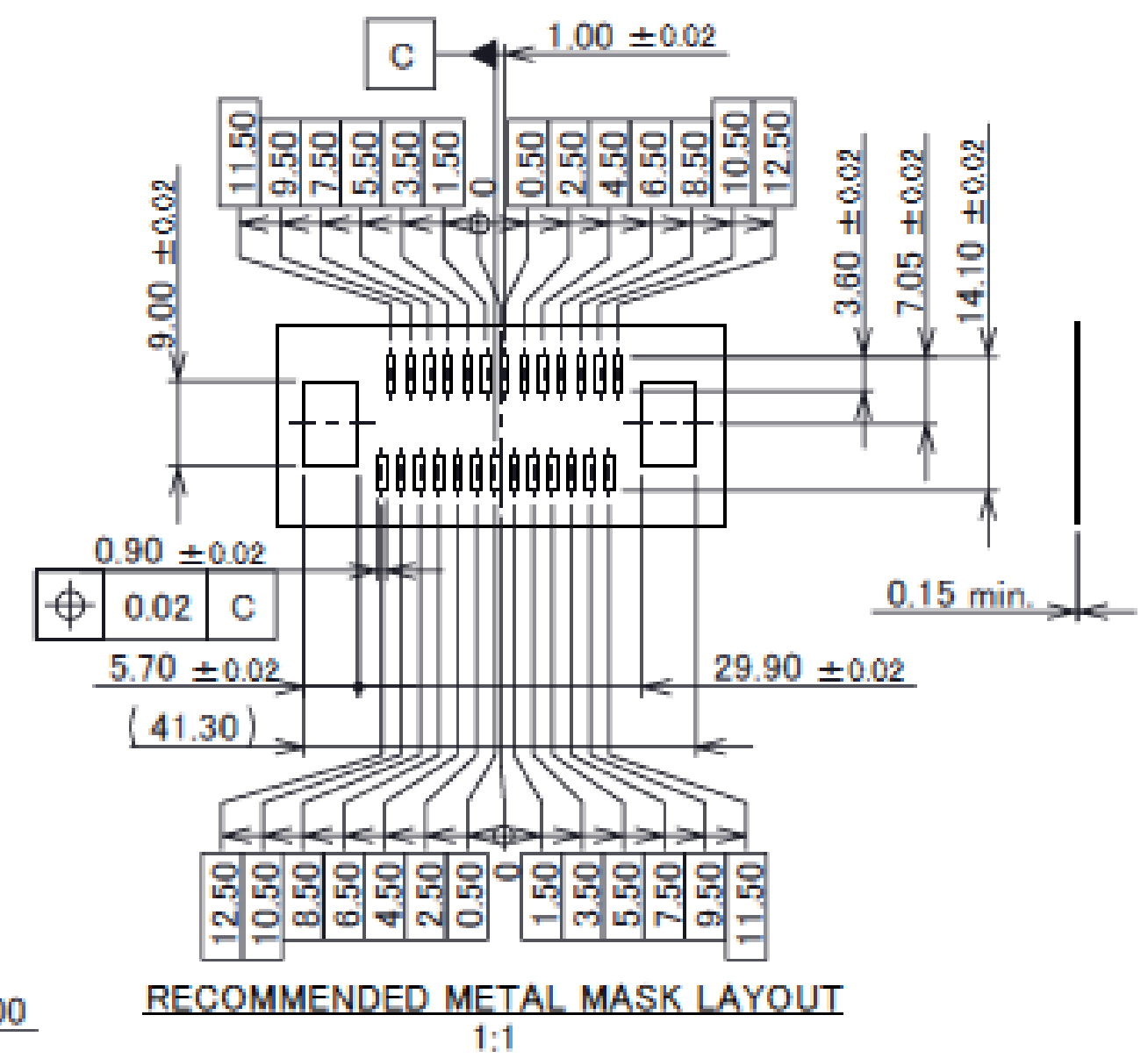
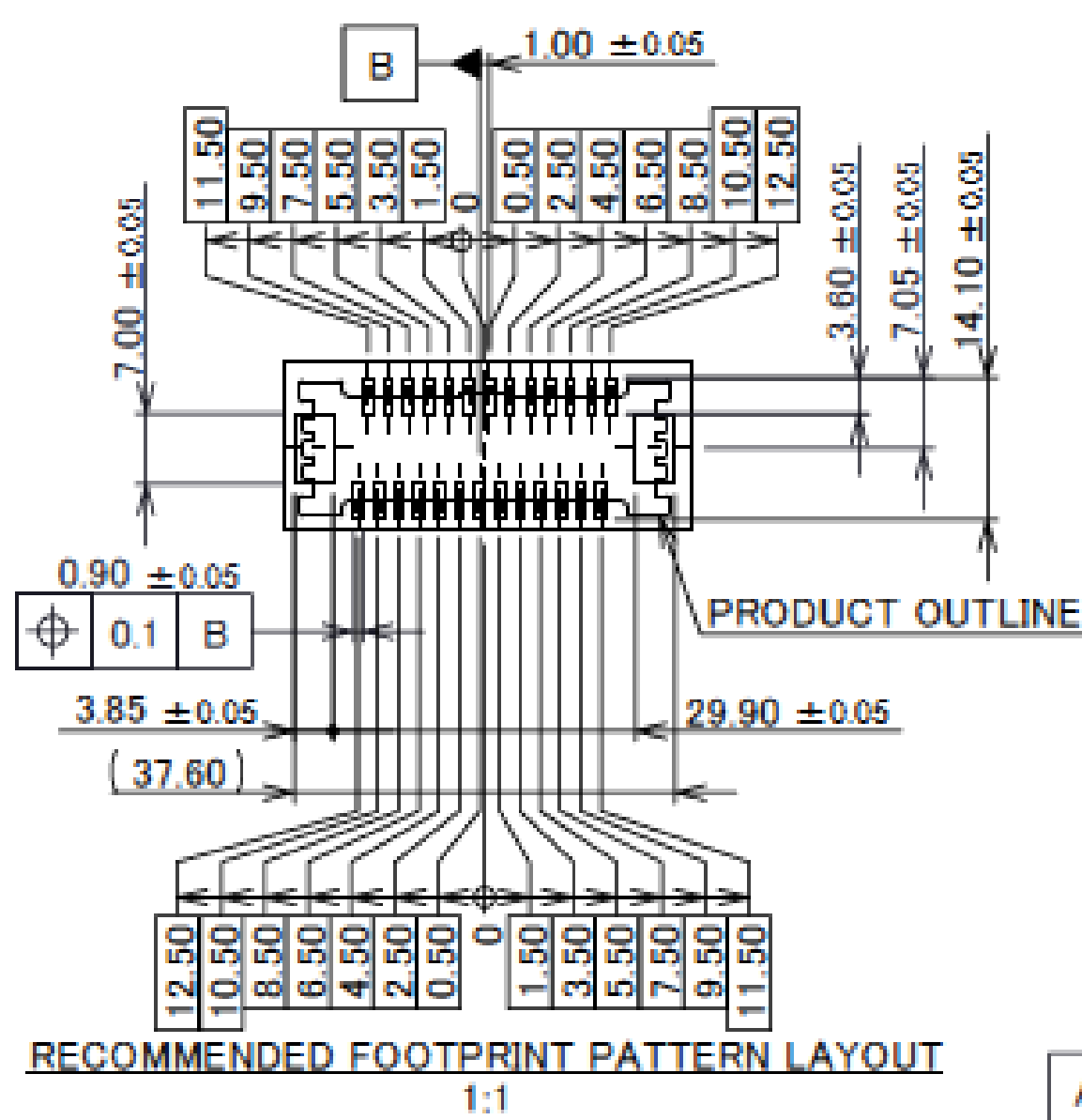
5	VACUUM CAP	GLASS-FILLED LCP	NATURAL
4	HOLD DOWN	BRASS	Sn REFLOW
3	MALE TERMINAL-2	BRASS	Sn REFLOW
2	MALE TERMINAL-1	BRASS	Sn REFLOW
1	MALE HOUSING	GLASS-FILLED LCP	BLACK/UL94V-0
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS



Rev.0

PART NO.	VACUUM CAP
◆V0019-028E-001	WITH
V0019-028E-002	WITHOUT

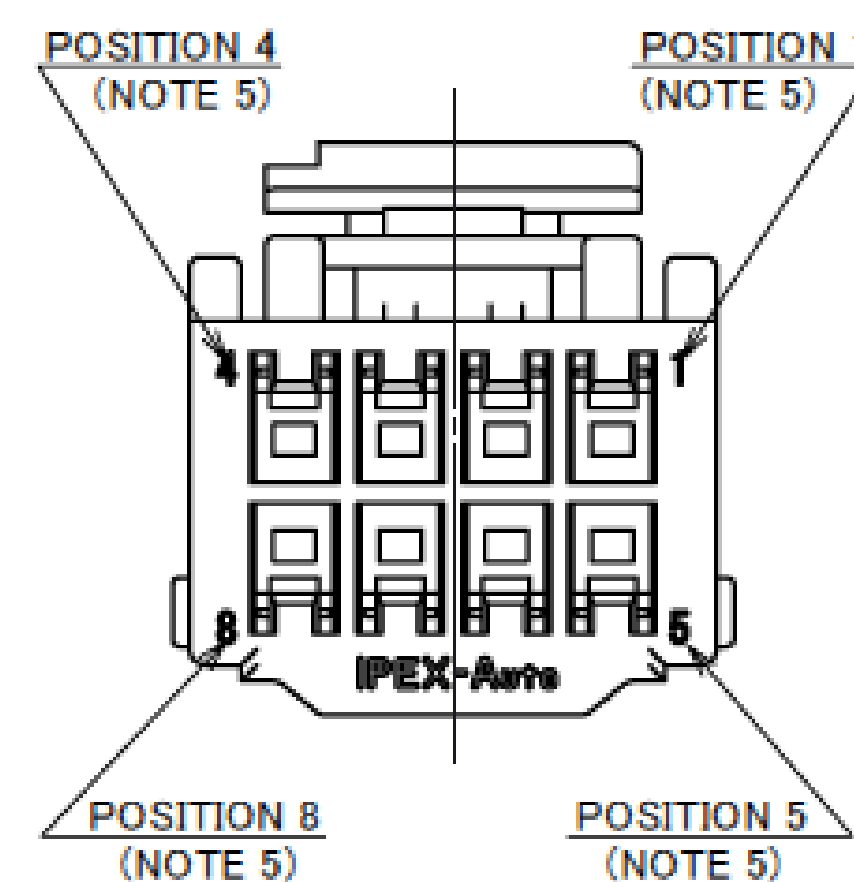
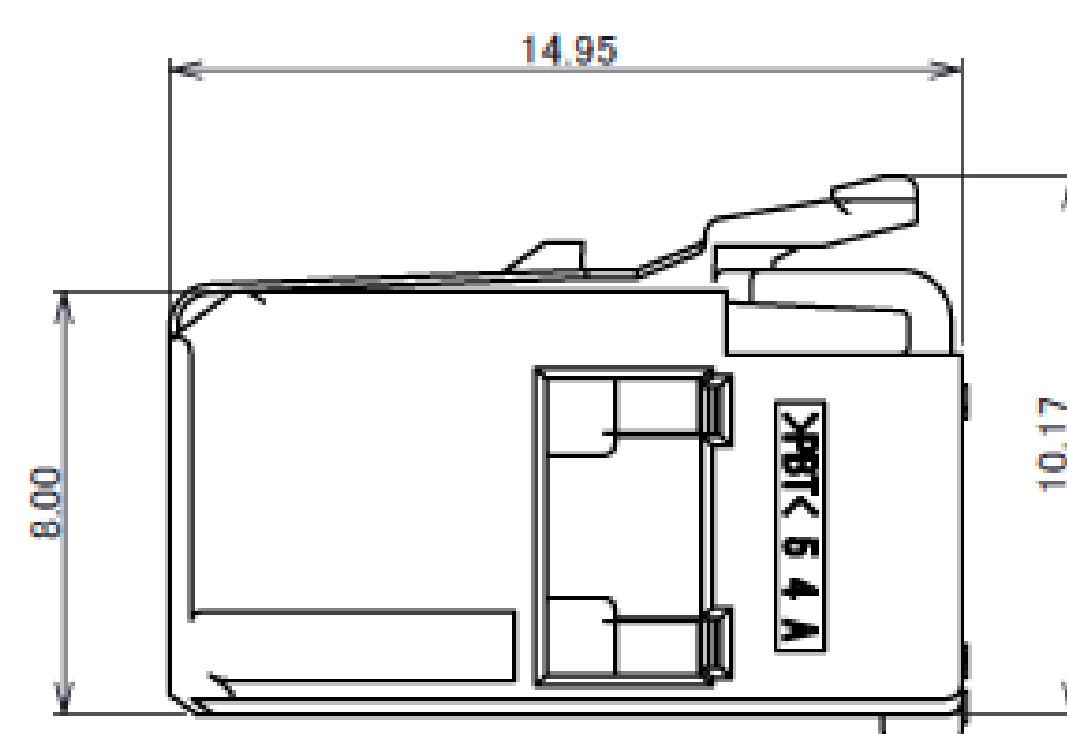
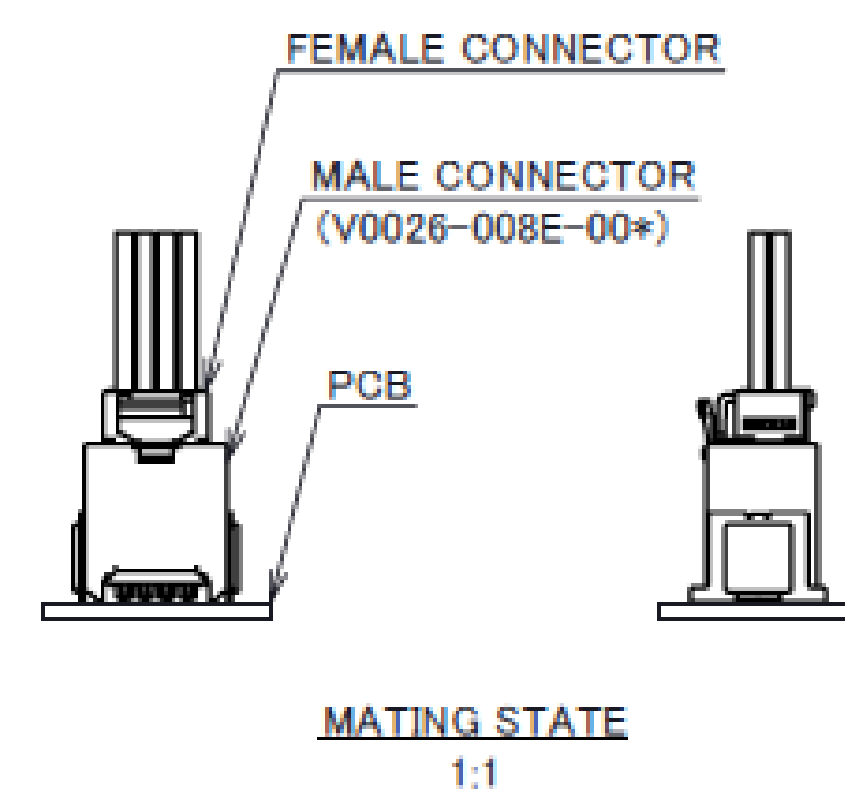
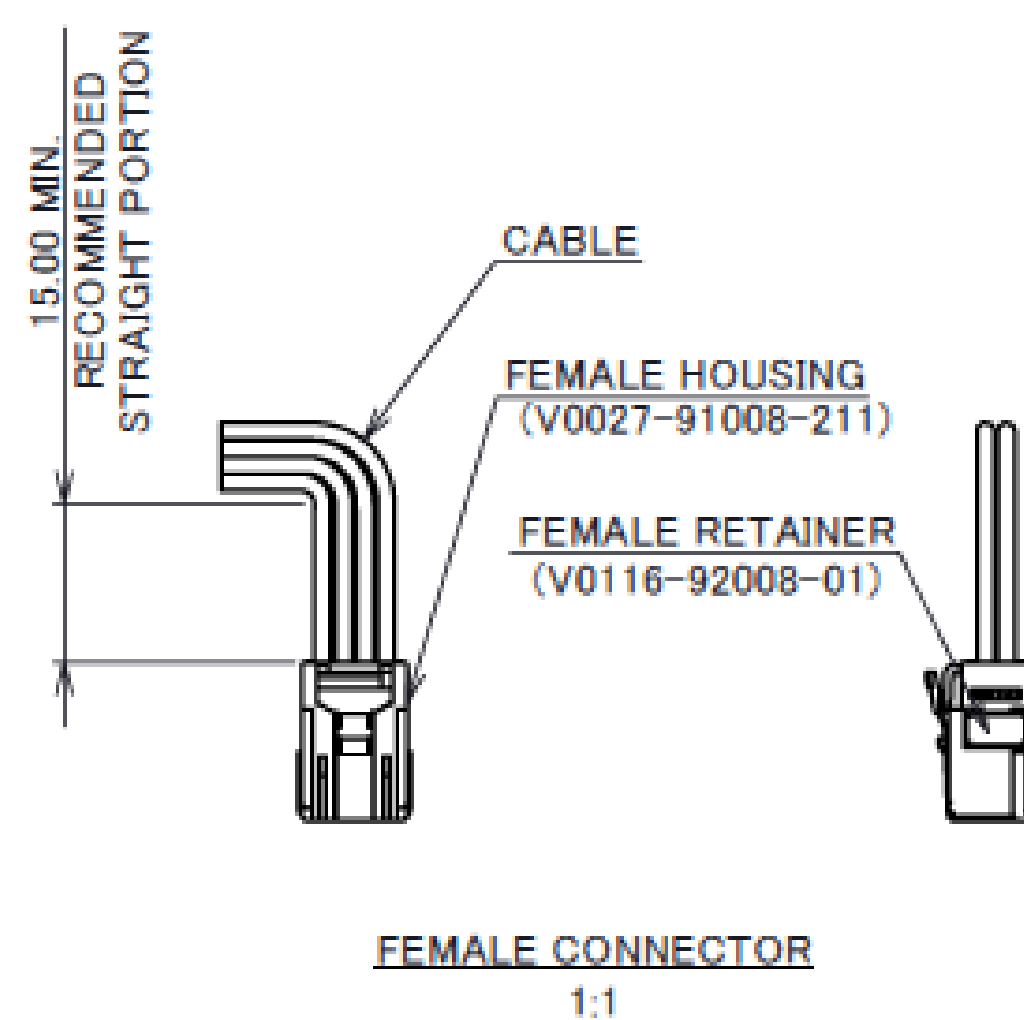
◆MARK MEANS NOT AVAILABLE.



5	VACUUM CAP	GLASS-FILLED COP	NATURAL
4	HOLD DOWN	BRASS	Sn REFLOW
3	MALE TERMINAL-2	BRASS	Sn REFLOW
2	MALE TERMINAL -1	BRASS	Sn REFLOW
1	MALE HOUSING	GLASS-FILLED COP	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS



PART NO.	LOCK TYPE	KEY CODING	COLOR	FOR REAR COVER
V0027-91008-211	NORMAL LOCK	-	BLACK	N/A



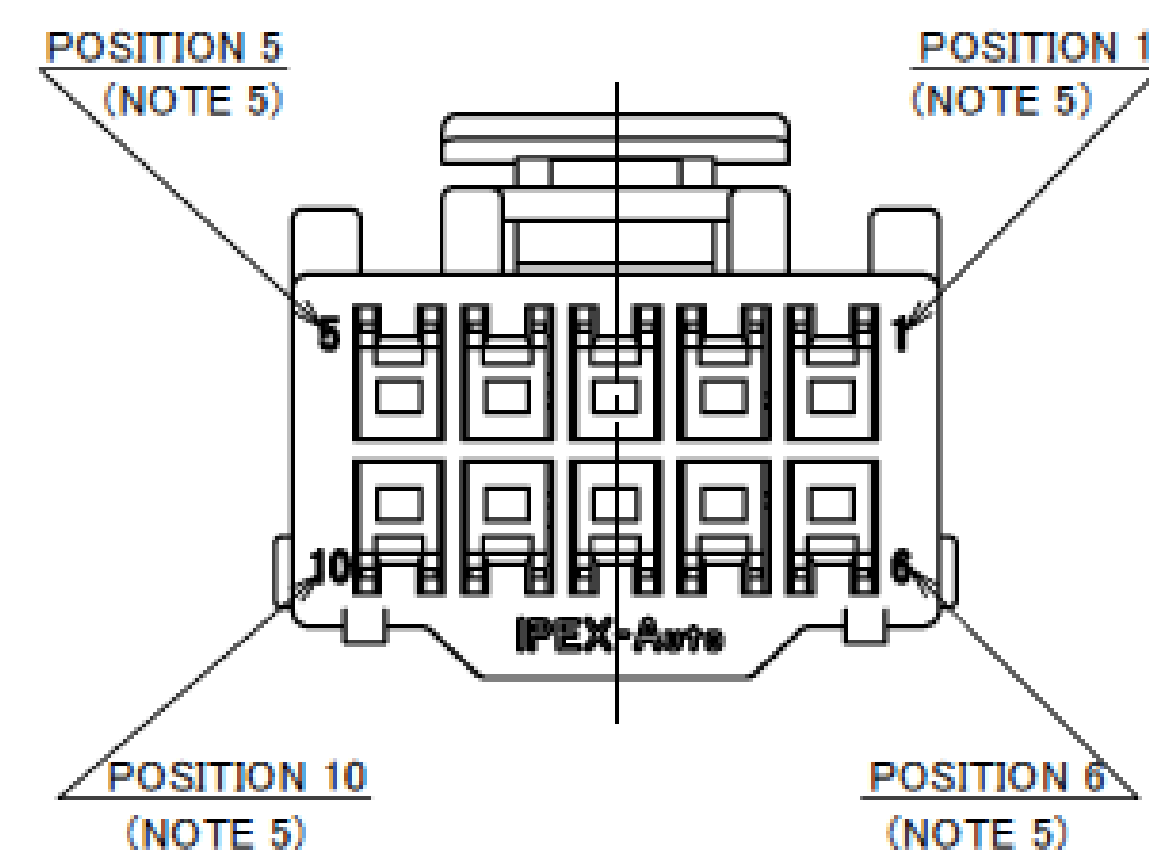
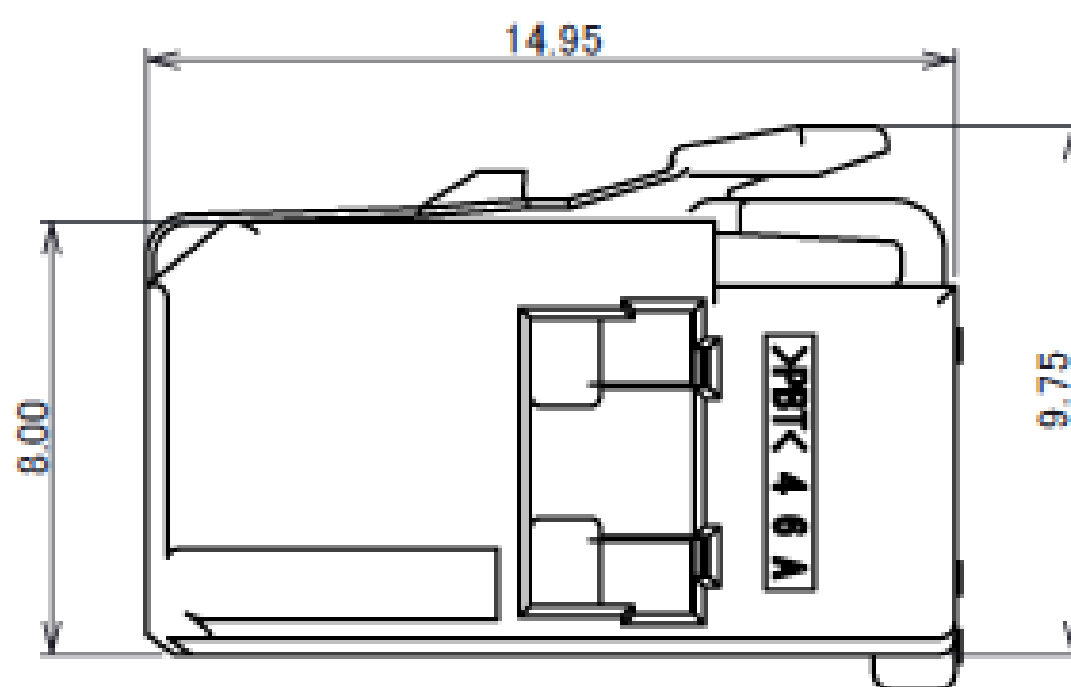
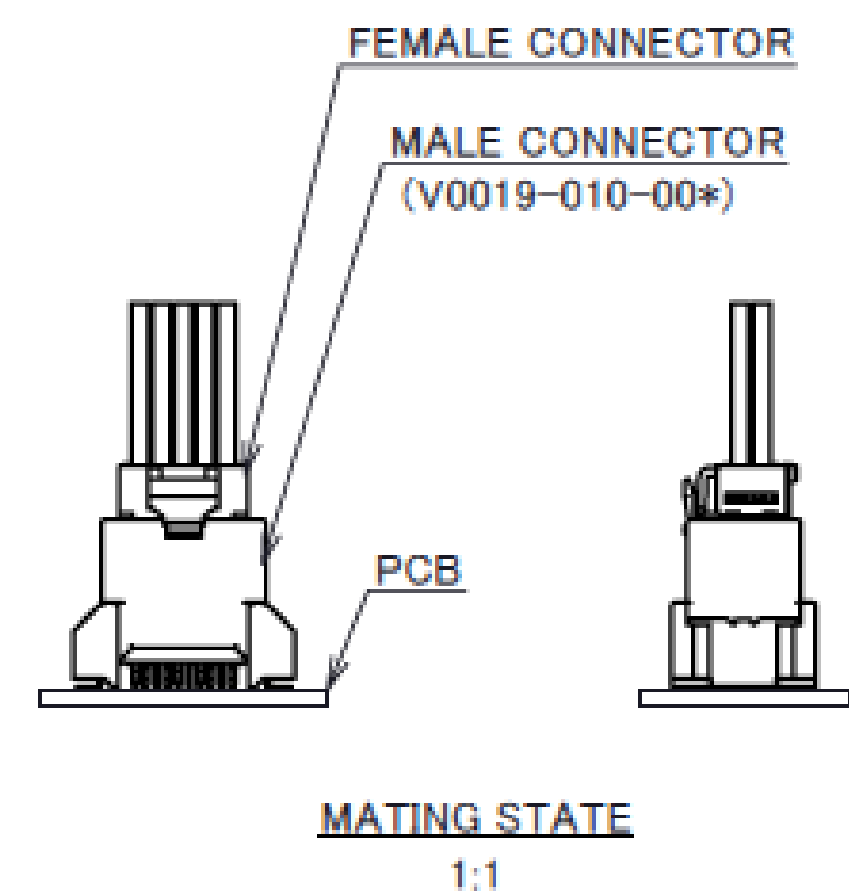
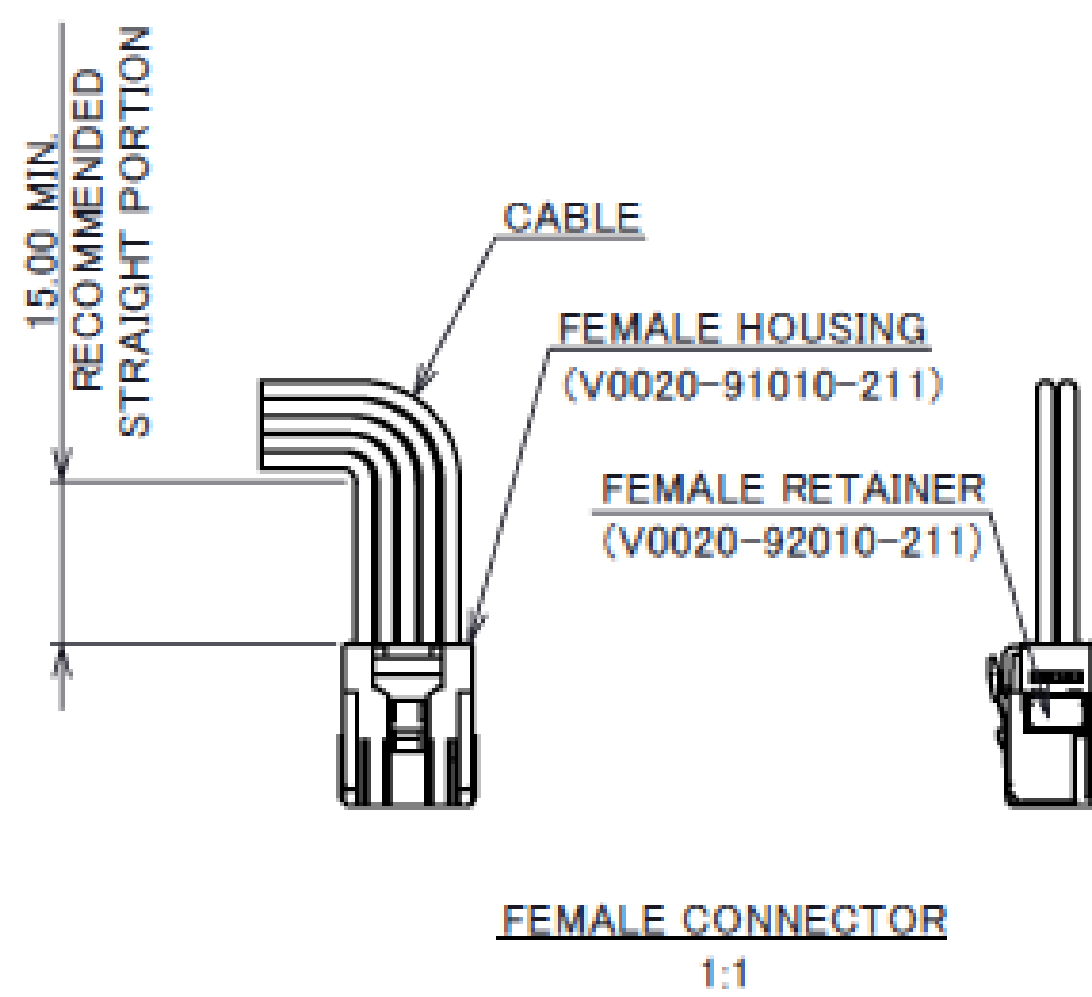
1	FEMALE HOUSING	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

NOTES

- 1.APPLICABLE PART NO.:
 - FEMALE TERMINAL --- VT009-02
 - FEMALE RETAINER --- V0116-92008-01
- 2.MATERIAL: PBT
- 3.COMPLY WITH ELV/ROHS.
- 4.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL [HDM-0020]
- 5.POSITION NUMBERS ARE INDICATED.

PART NO.	LOCK TYPE	KEY CODING	COLOR	FOR REAR COVER
V0020-91010-211	NORMAL LOCK	-	BLACK	N/A

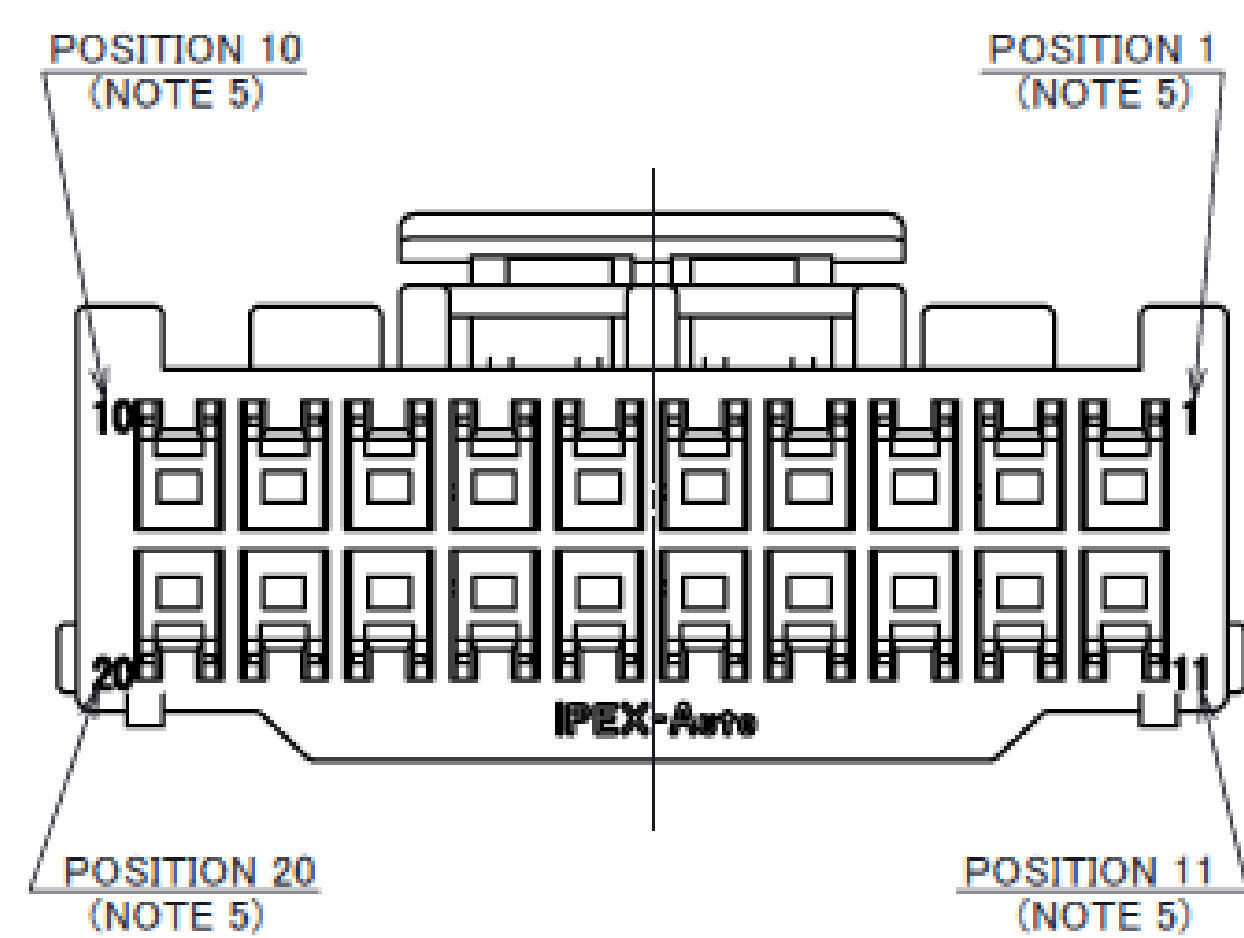
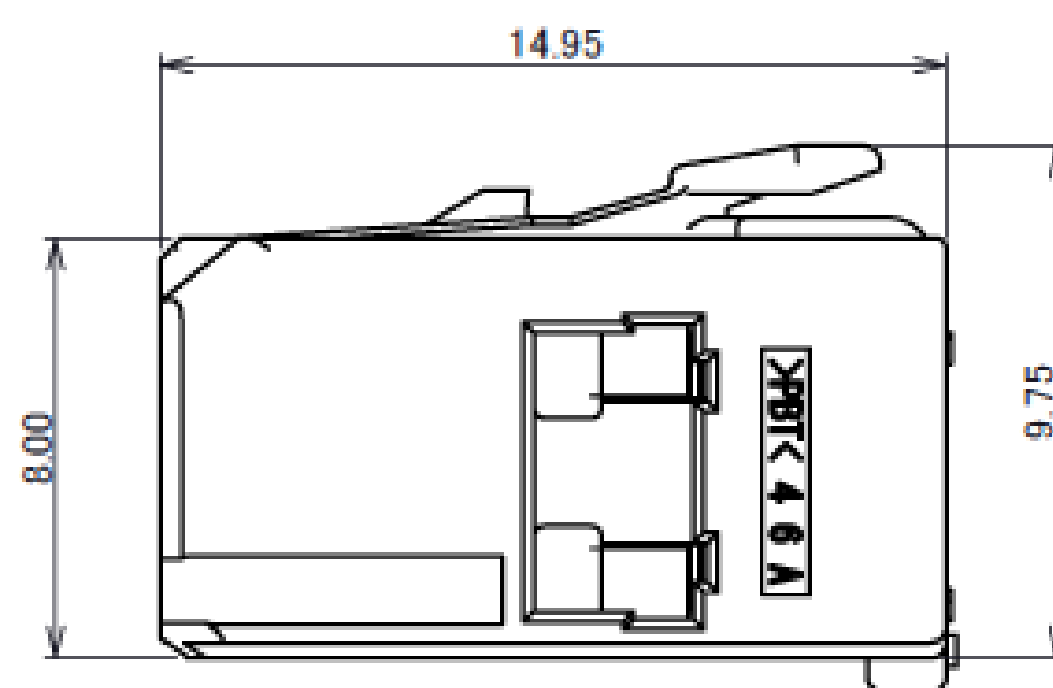
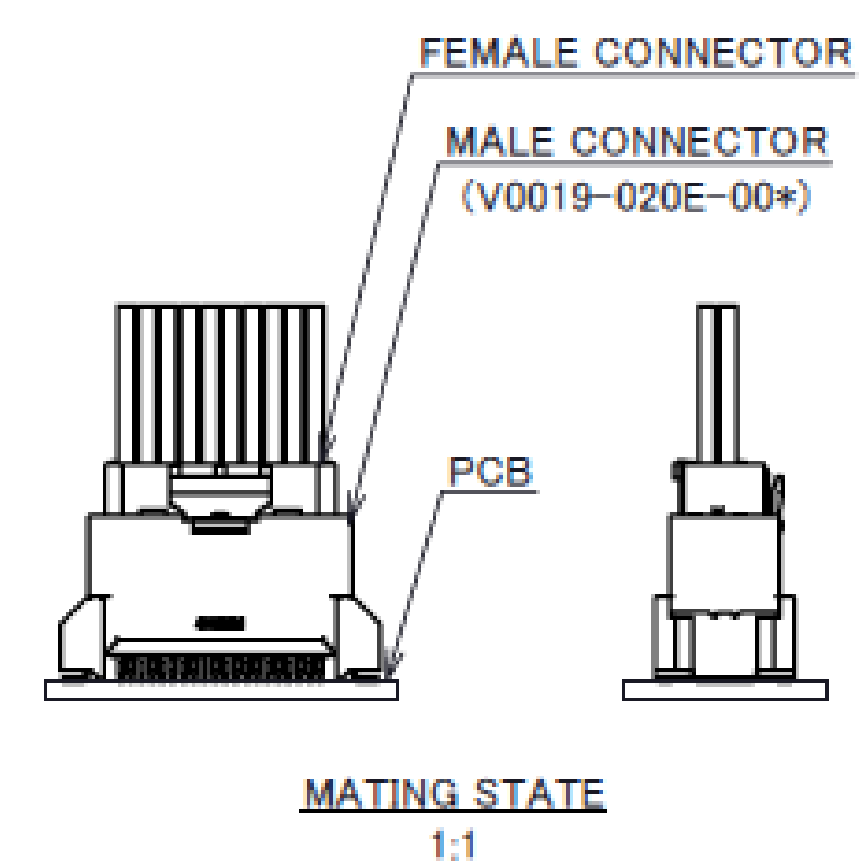
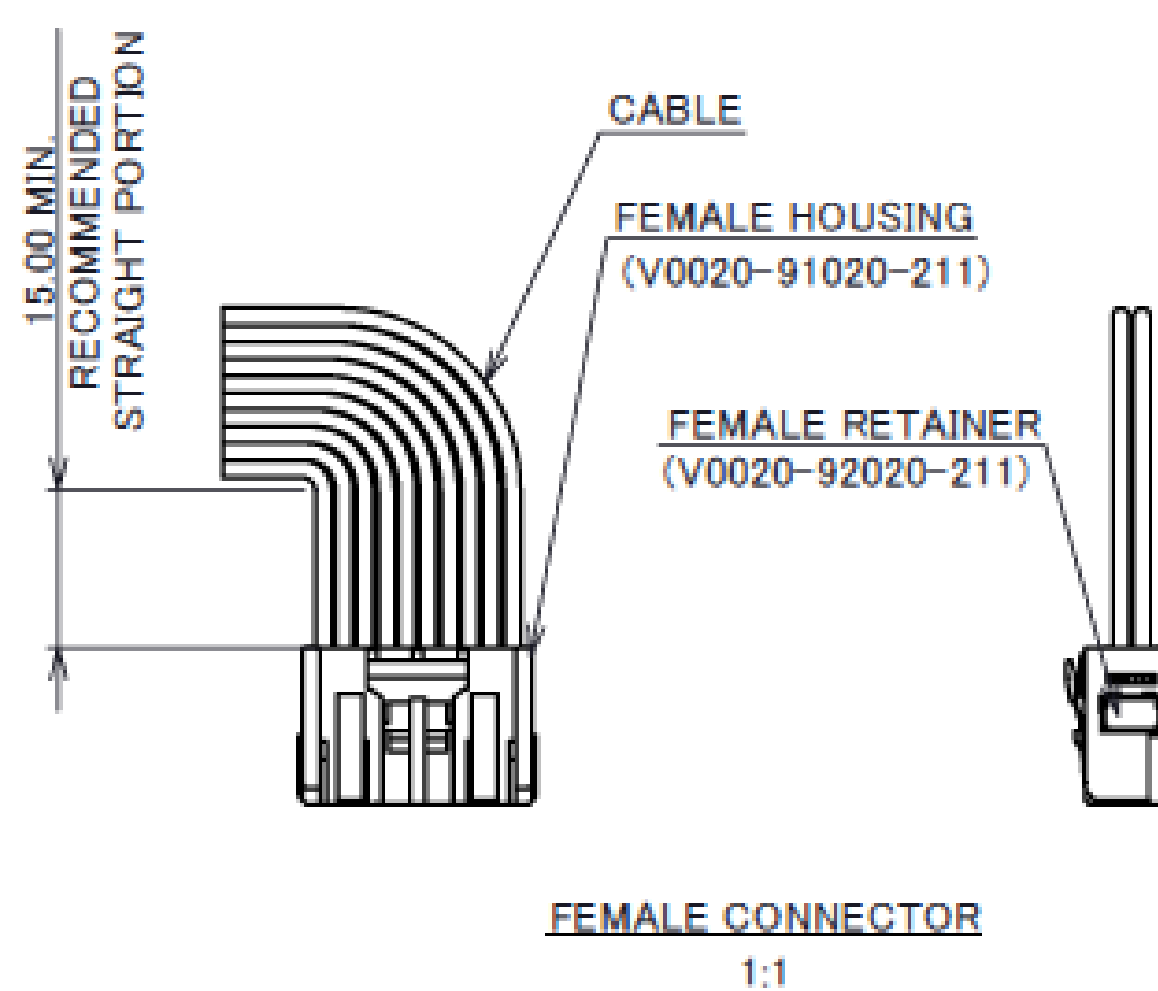
PART NO.	LOCK TYPE	KEY CODING	COLOR	FOR REAR COVER
V0020-91010-211	NORMAL LOCK	-	BLACK	N/A



①	FEMALE HOUSING	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.0

PART NO.
V0020-91020-211

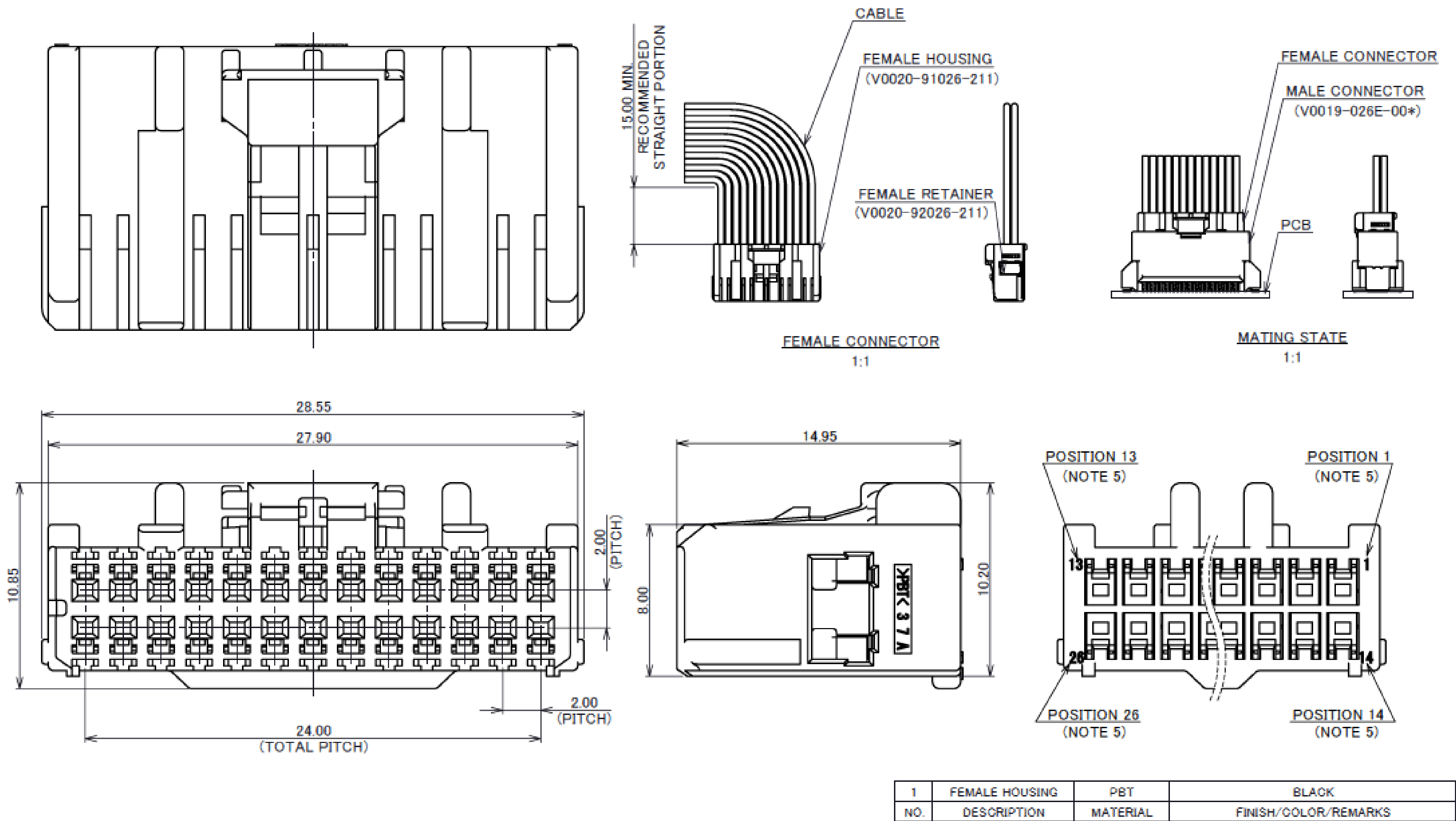


1	FEMALE HOUSING	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.0

ISH® (Vertical Type) FEMALE (26P):

PART NO.
V0020-91026-211



NOTES

1.APPLICABLE PART NO.:
- FEMALE TERMINAL --- VT009-02
- FEMALE RETAINER --- V0020-92026-211

2.MATERIAL: PBT

3.COMPLY WITH ELV/RoHS.

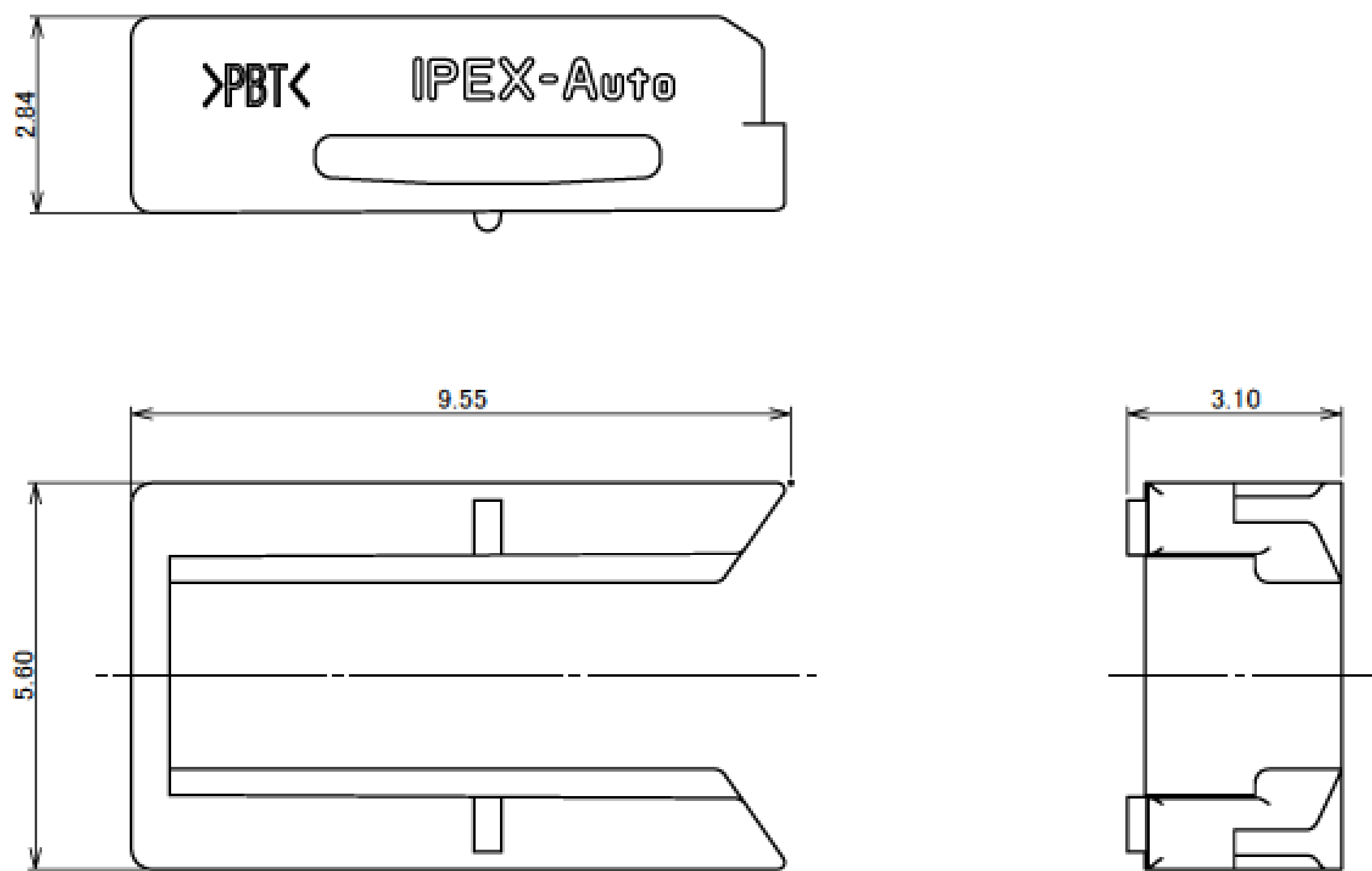
4.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL [HDM-0020]

5.POSITION NUMBERS ARE INDICATED.

Rev.0

ISH® (Vertical Type) FEMALE RETAINER (8P) ※ISHV :

PART NO.
V0116-92008-01



NOTES

1.APPLICABLE PART NO.:
- FEMALE HOUSING --- V0116-91008-**
V0027-91008-211

2.MATERIAL: PBT

3.COMPLY WITH ELV/RoHS.

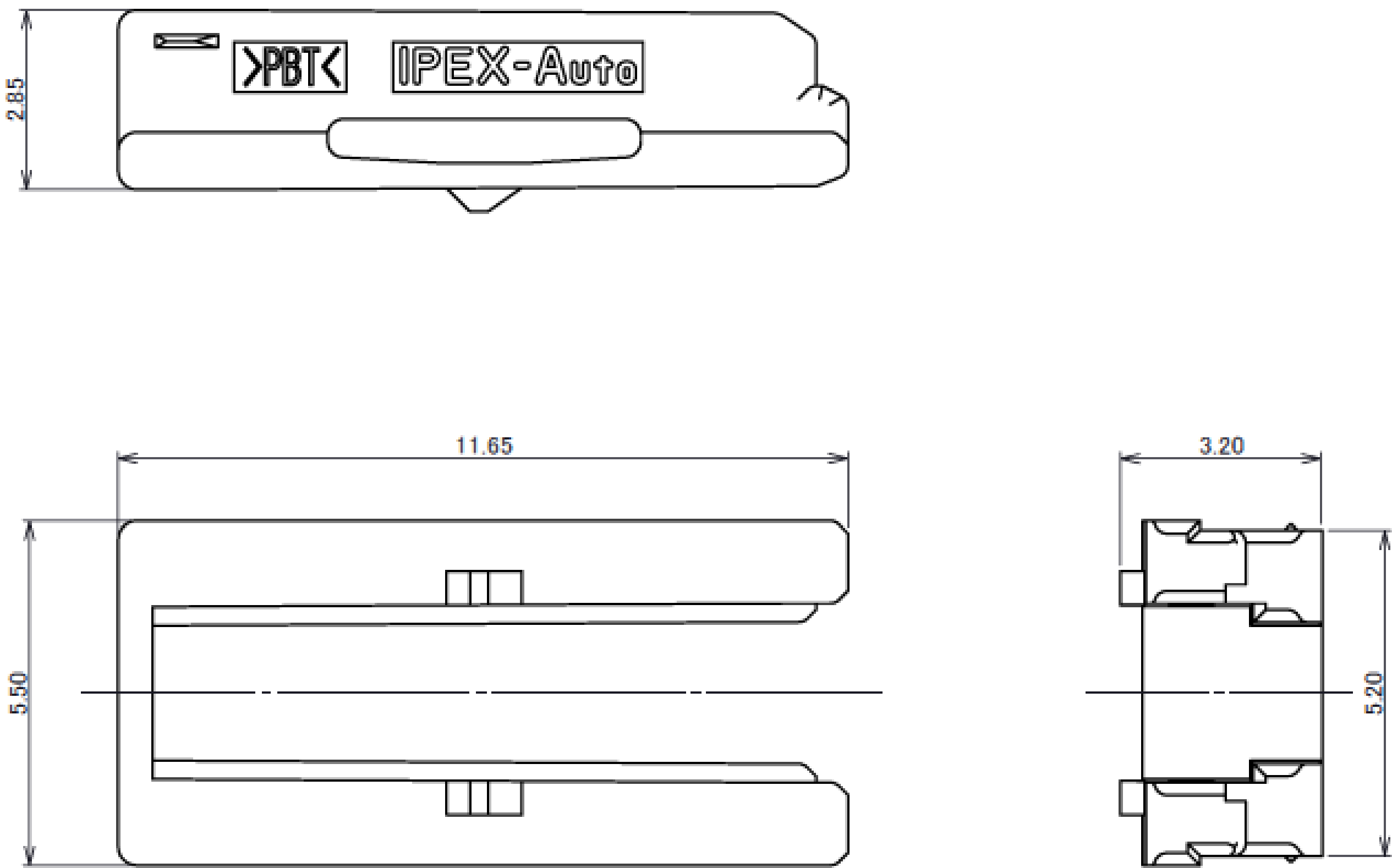
4.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL [HDM-0020]

1	FEMALE RETAINER	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.0

ISH® (Vertical Type) FEMALE RETAINER (10P):

PART NO.
V0020-92010-211



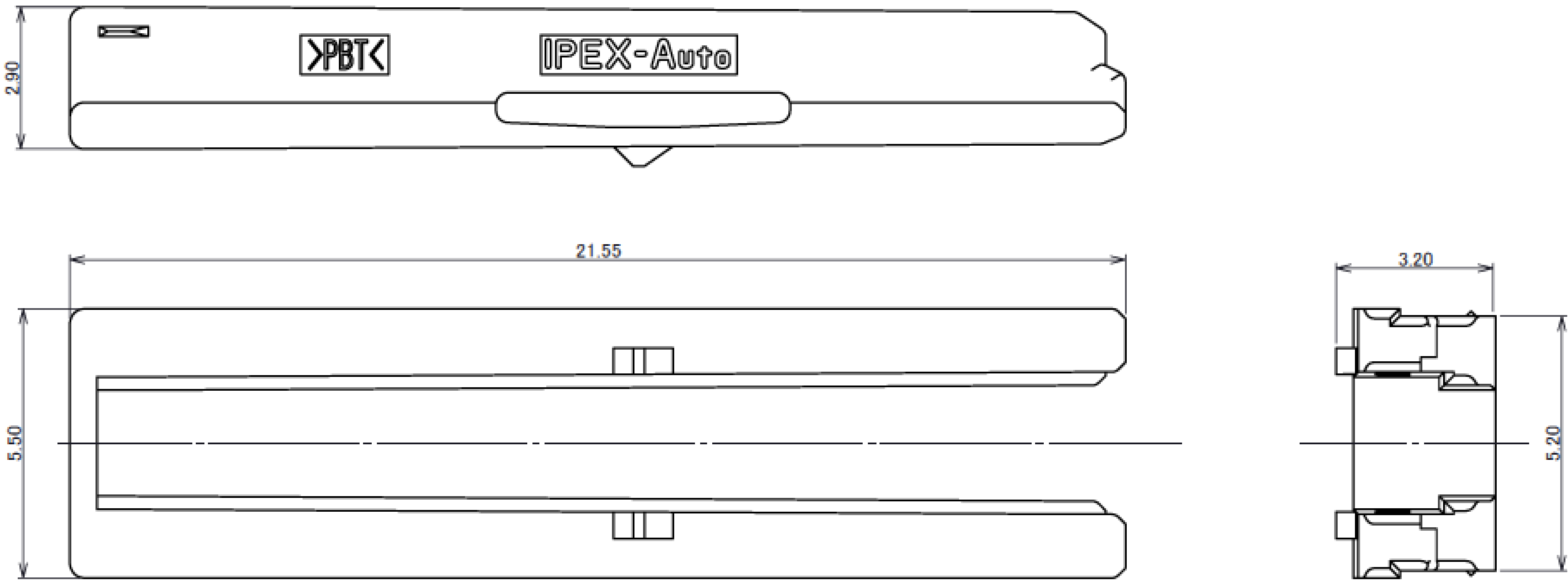
- NOTES
- 1.APPLICABLE PART NO.:
-FEMALE HOUSING-...V0020-91010-211
 - 2.MATERIAL: PBT
 - 3.COMPLY WITH ELV/RoHS.
 - 4.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL【HDM-0020】

1	FEMALE RETAINER	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.0

ISH® (Vertical Type) FEMALE RETAINER (20P):

PART NO.
V0020-92020-211

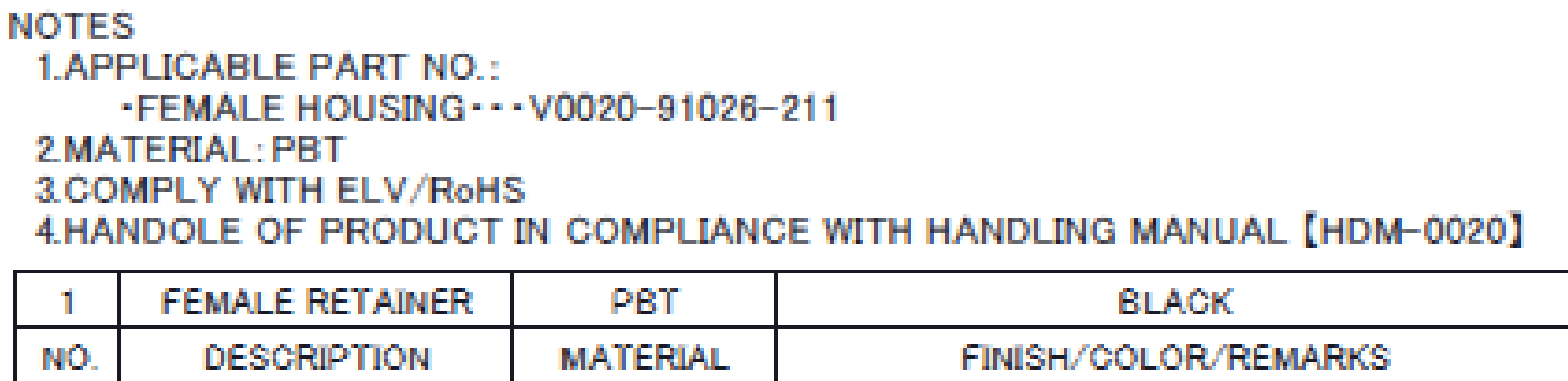


- NOTES
- 1.APPLICABLE PART NO.:
-FEMALE HOUSING-...V0020-91020-211
 - 2.MATERIAL: PBT
 - 3.COMPLY WITH ELV/RoHS
 - 4.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL 【HDM-0020】

1	FEMALE RETAINER	PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

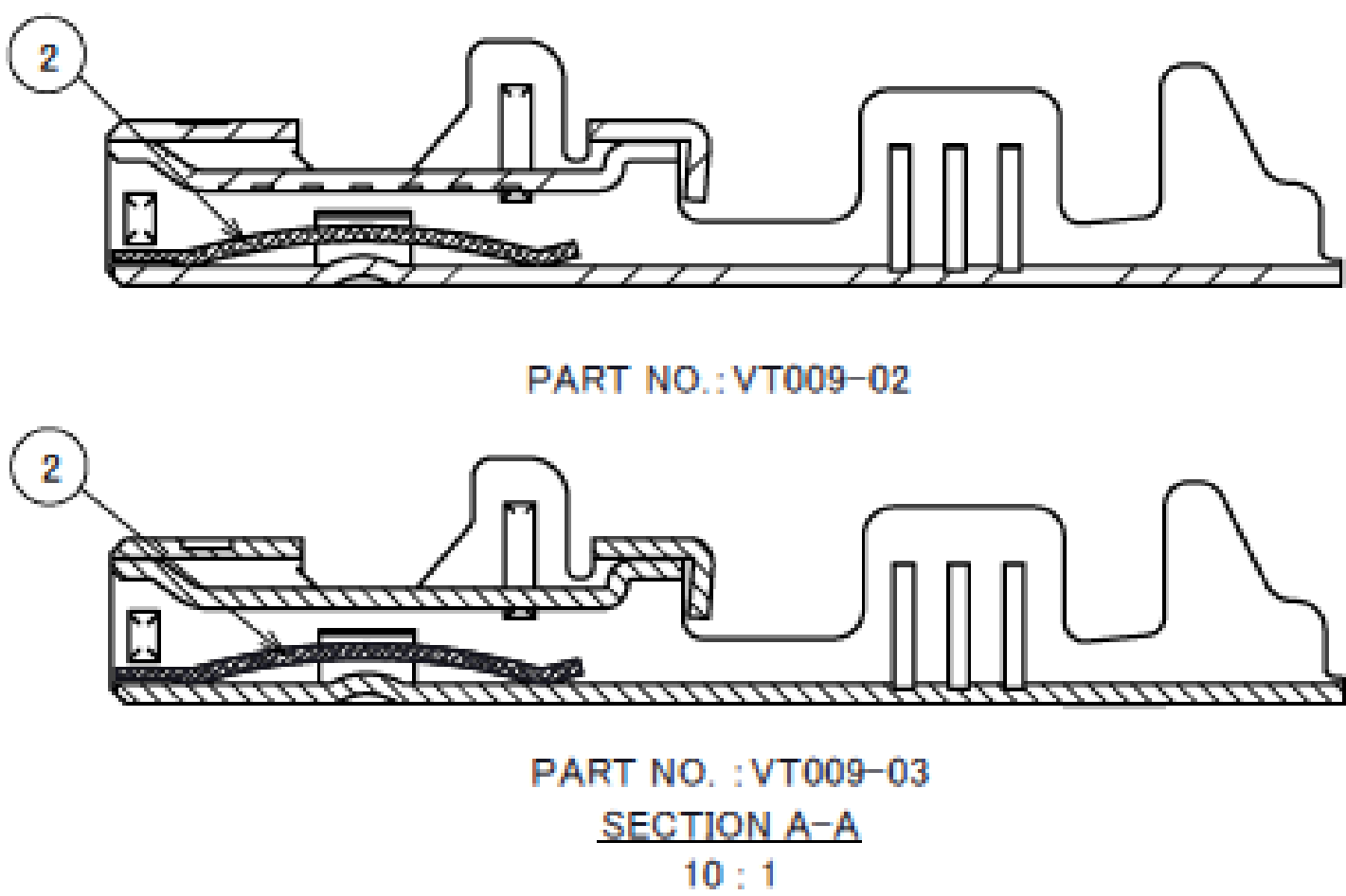
Rev.0

PART NO.
V0020-92026-211



Rev.0

PART NO.	PLATING
VT009-02	Sn REFLOW
VT009-03	CONTACT AREA : Au PLATING CRIMPING AREA : Sn REFLOW



NOTE

1. APPLICABLE FEMALE HOUSING :ISH CONNECTOR SERIES
2. APPLICABLE CABLE SIZE : 0.3mm² / 0.5mm² (FINISHED ϕ 1.60mm MAX.)
3. COMPLY WITH ELV/RoHS.
4. TERMINAL CRIMP SPECIFICATION MUST BE COMPLIANT WITH HANDLING MANUAL [HDM-0020].

2	SPRING	COPPER ALLOY	VT009-02 PLATING : Sn REFLOW VT009-03 PLATING : Au PLATING
1	BODY	BRASS	VT009-02 PLATING : Sn REFLOW VT009-03 PLATING : Au PLATING CONTACT AREA : Au PLATING CRIMPING AREA : Sn REFLOW
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.0

Custom Connectors Available

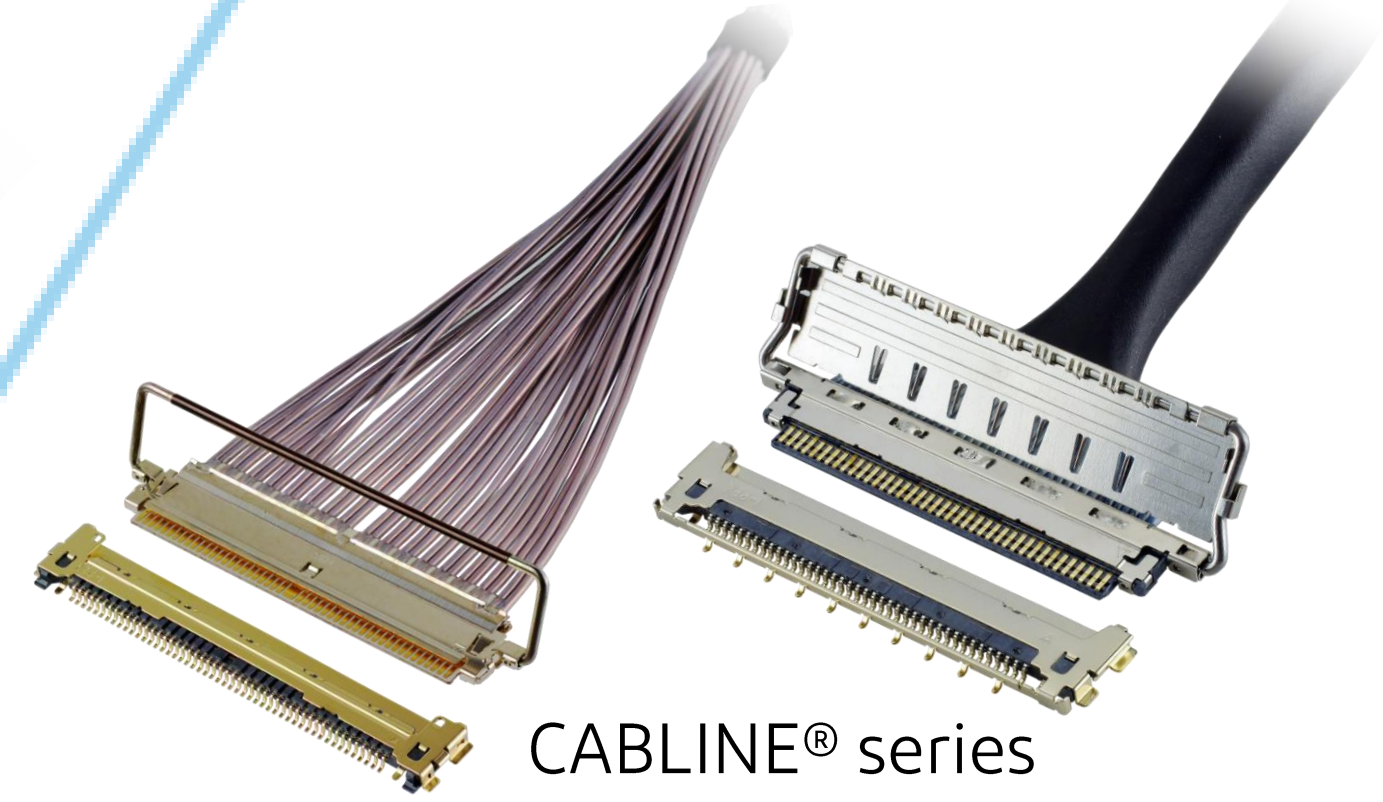


RF
Connectors

MHF® series



CABLINE® series
Micro-coaxial/Twinax
Connectors

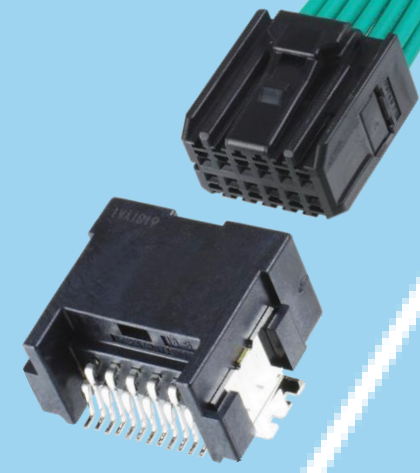


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



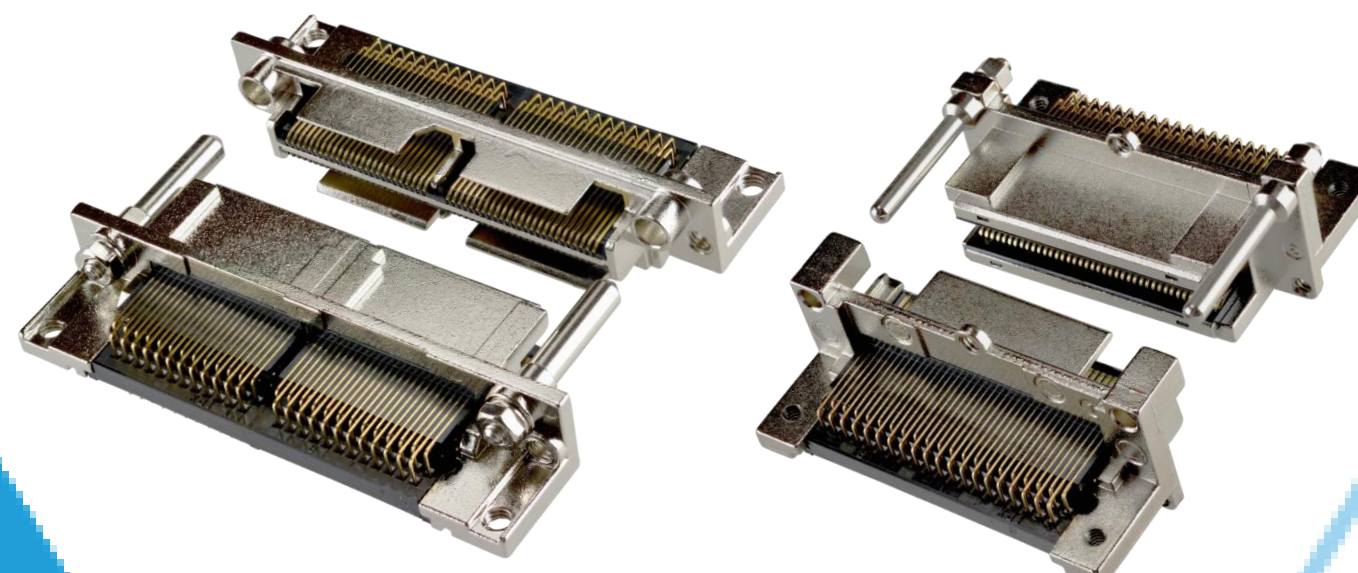
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



MINIDOCK™ series



FPC/FFC
Connectors

MINIFLEX® series EVAFLEX® series



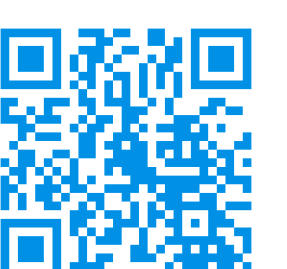
Inquiry



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or more detailed information.

www.i-pex.com



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