

IARPB[®] (Vertical Type)

抗振、一体式、垂直款入板式连接器

Product Specifications:

Pitch (mm max.)		2.5
Contact Size (mm)		Φ0.7
Mounted Height (mm)		MAX 8.70
Width formula (mm)		Single row: 1.5+2.5*?pin
Operating Temperature		-40 - 125°C
Vibration Resistance		6G
Current Rating		3A per pin
Voltage Rating		250V
Withstand Voltage		AC 1000V/minute
Plating		Sn
Housing		PBT GF15
Pin counts	Range	Up to 10
	Available	2, 3, 4, 5, 6, 7, 8, 9, 10

Applicable Cable Size:

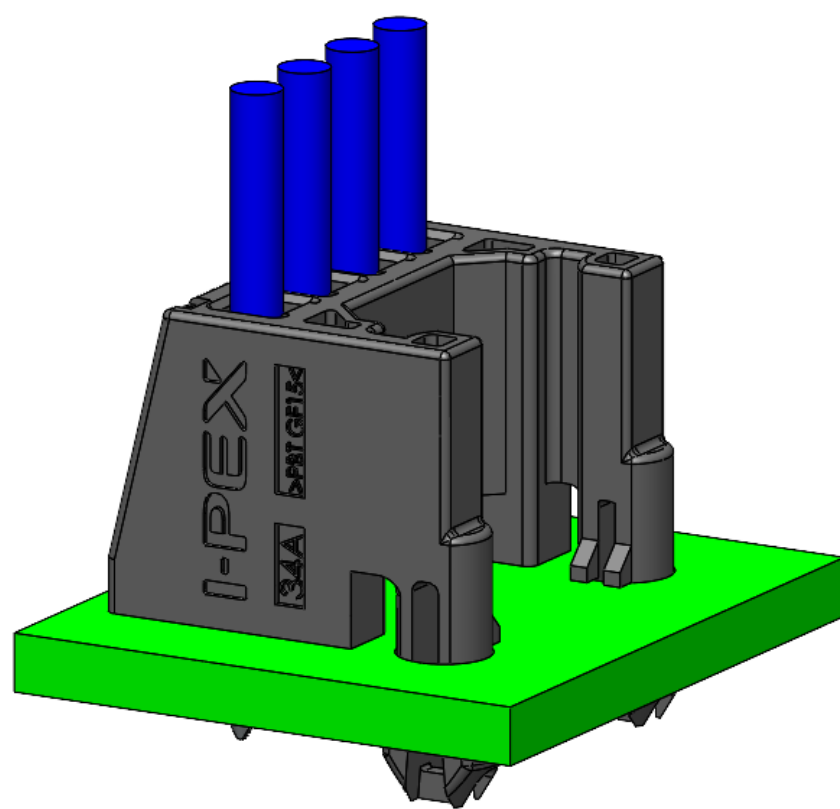
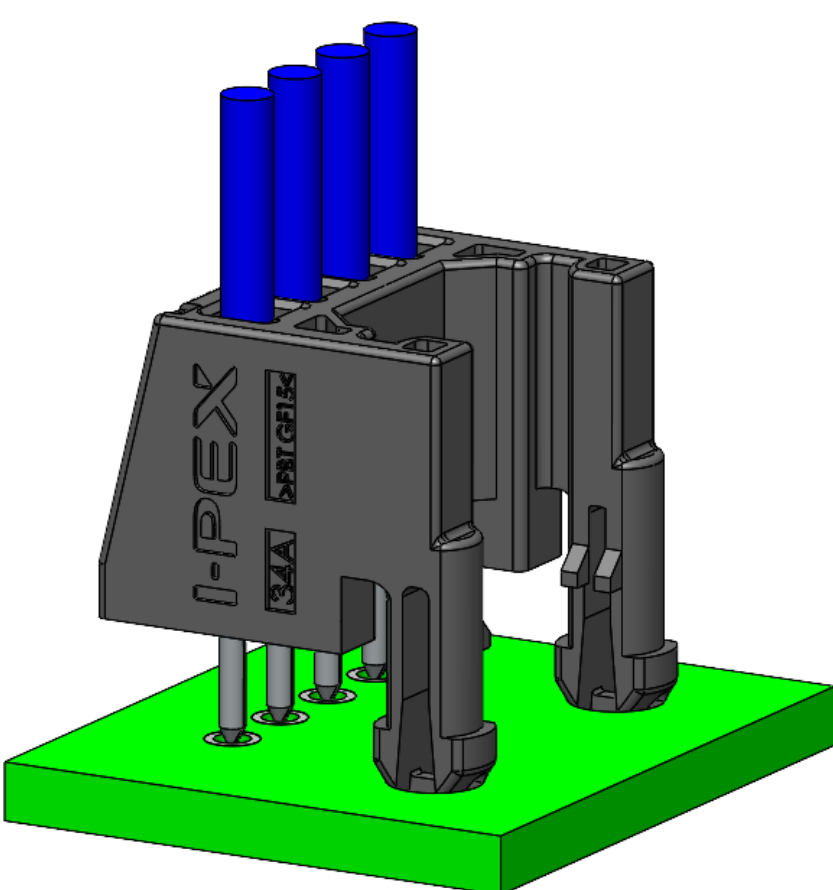
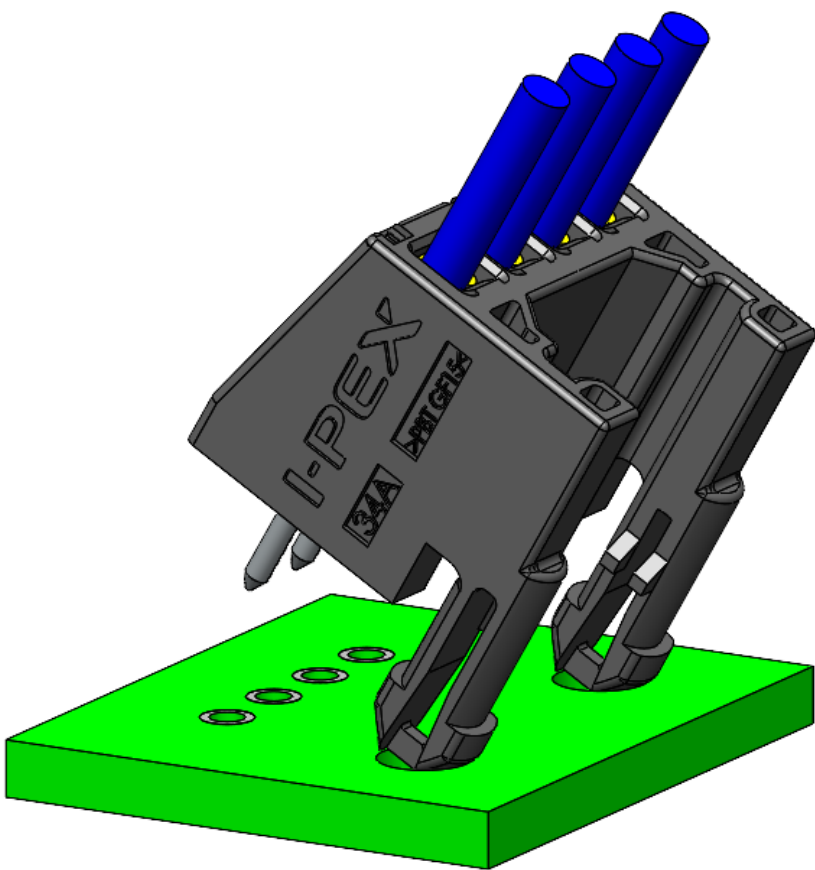
AWG#22 *Insulation Diameter 1.67 mm max.

*如您需要了解未列出或不在范围内的Pin数，请咨询我们。



弹性定位柱进行初定位，再降端子和定位柱同时压入PCB板定位孔中

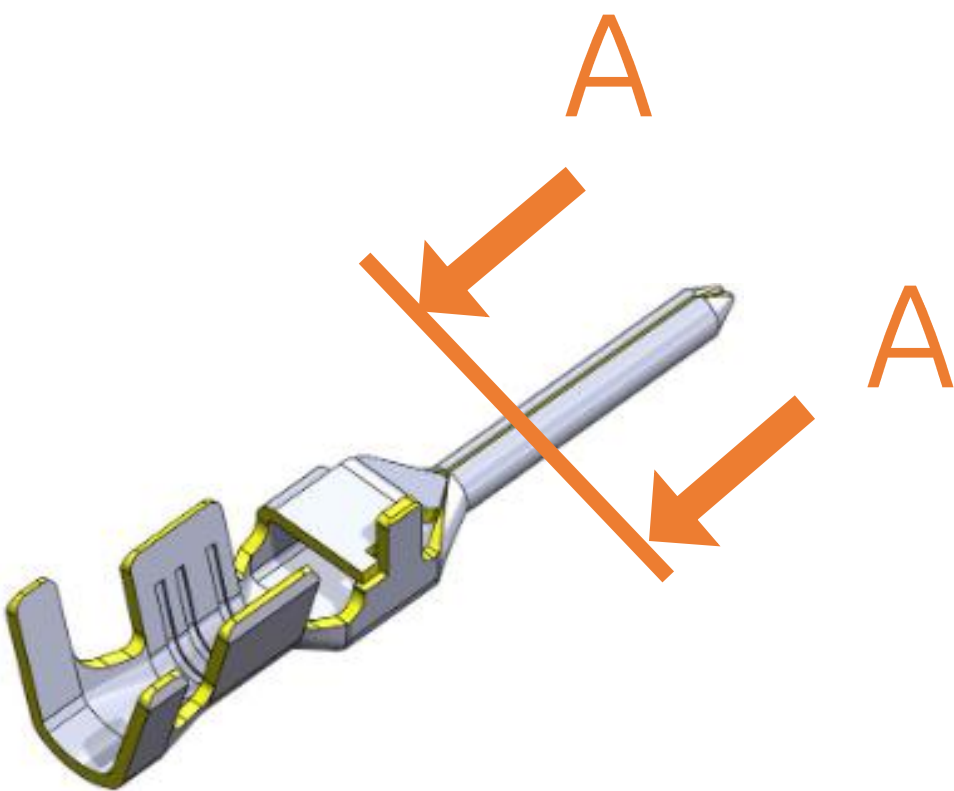
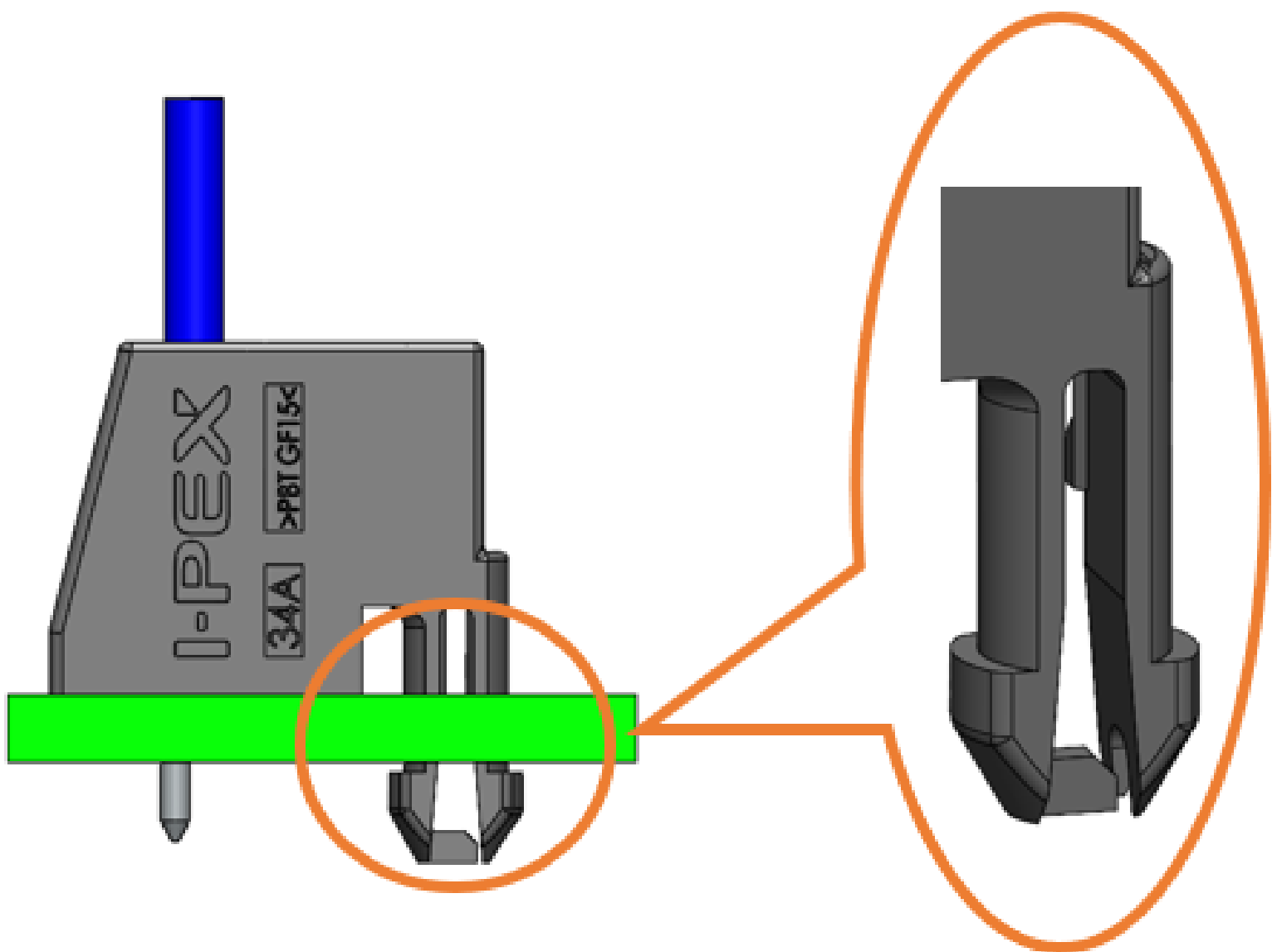
1. 倾斜着将弹性定位柱置于孔中，进行初定位
2. 再降塑胶垂直，端子正好位于PCB通孔中
3. 向下施力，完全压入



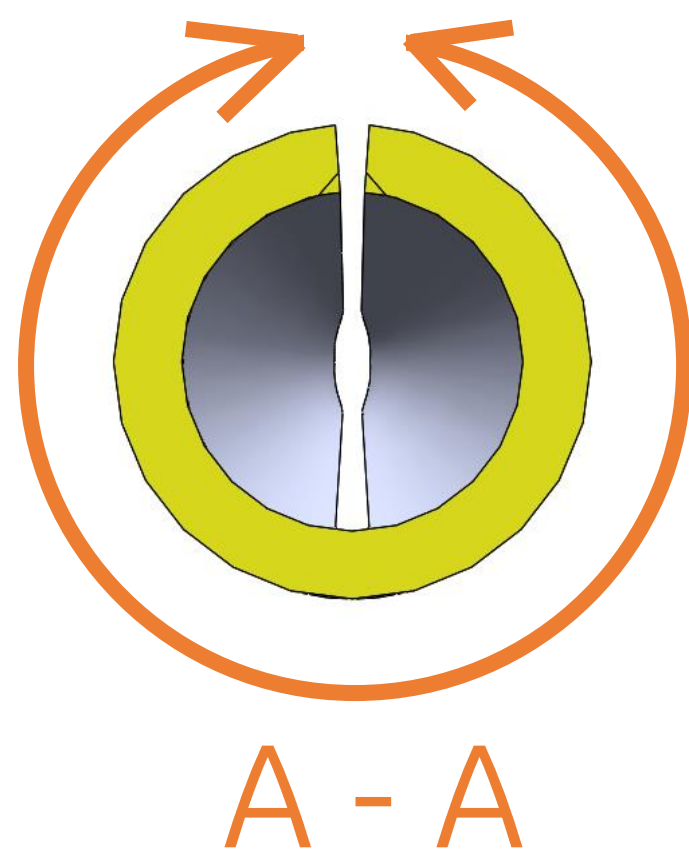
连接可靠性高

塑胶壳体自带弹性定位柱，可提高振动性能

端子表面全部镀锡，具有高度可焊性

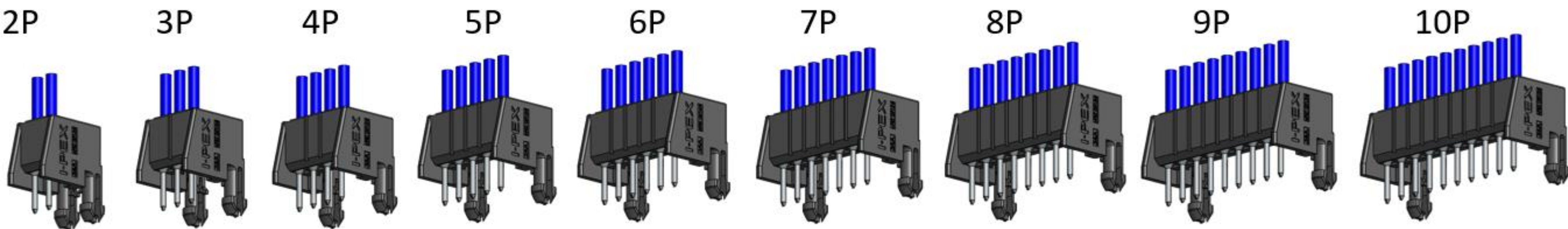


Fully Sn Plating



产品同时具有水平出线 and 垂直出线方式，客户可以根据需要选择，方便设计和作业

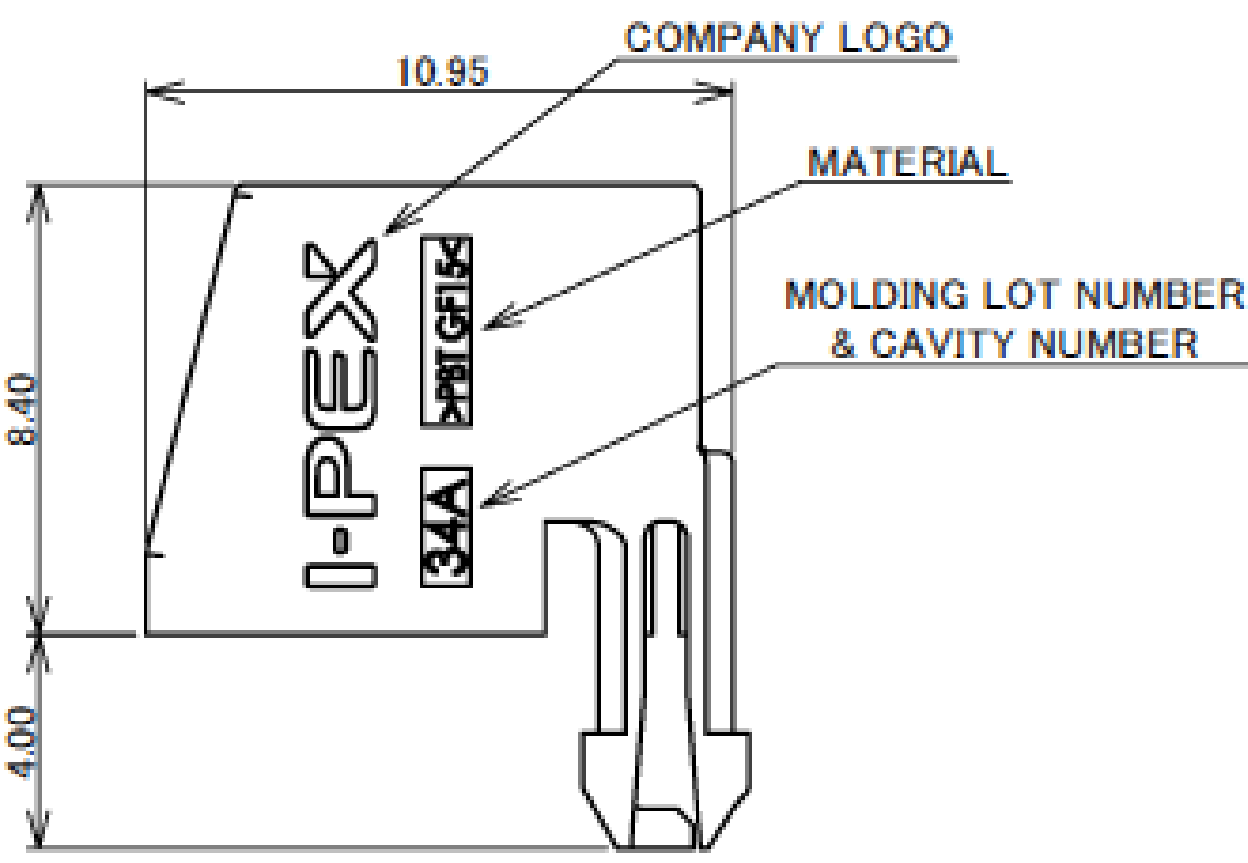
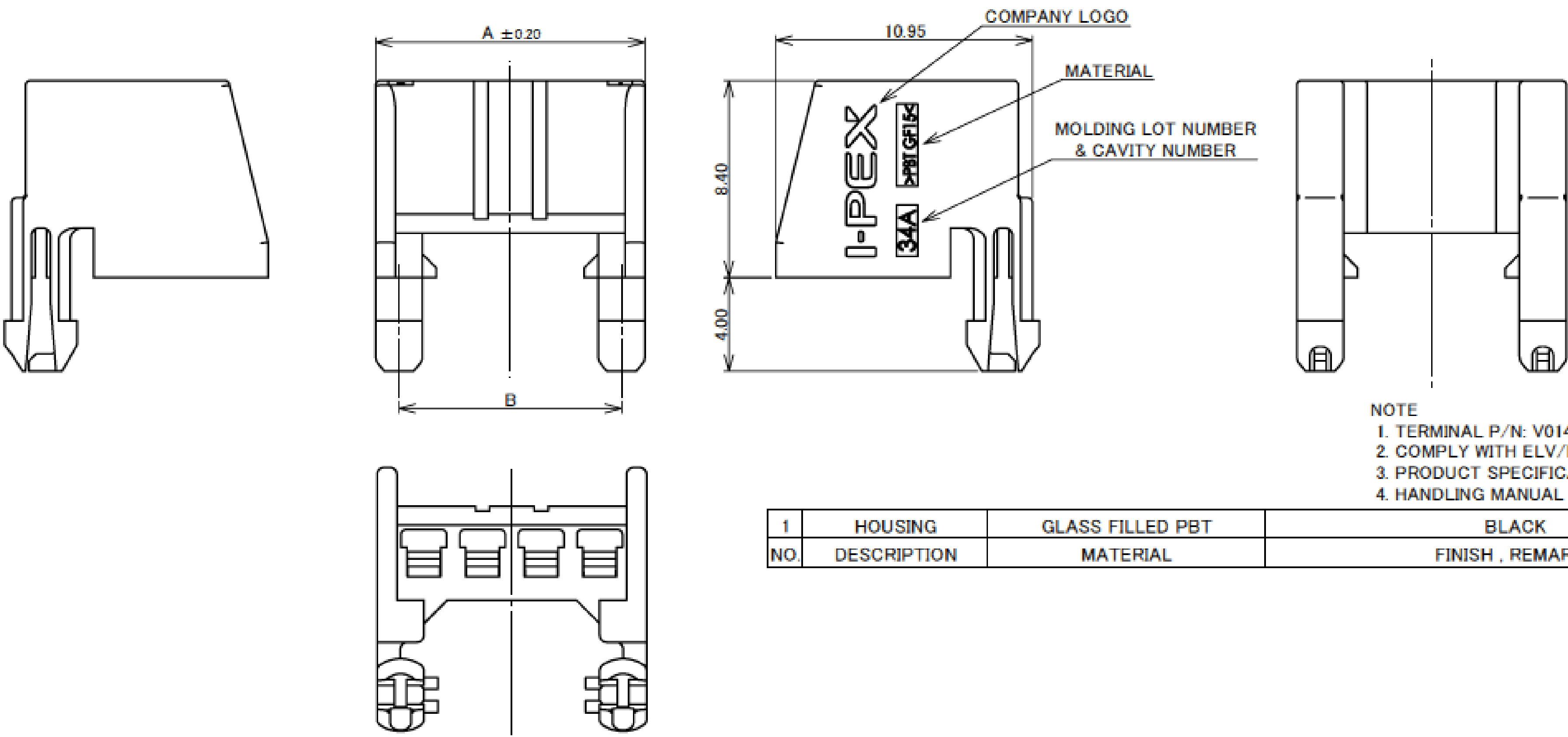
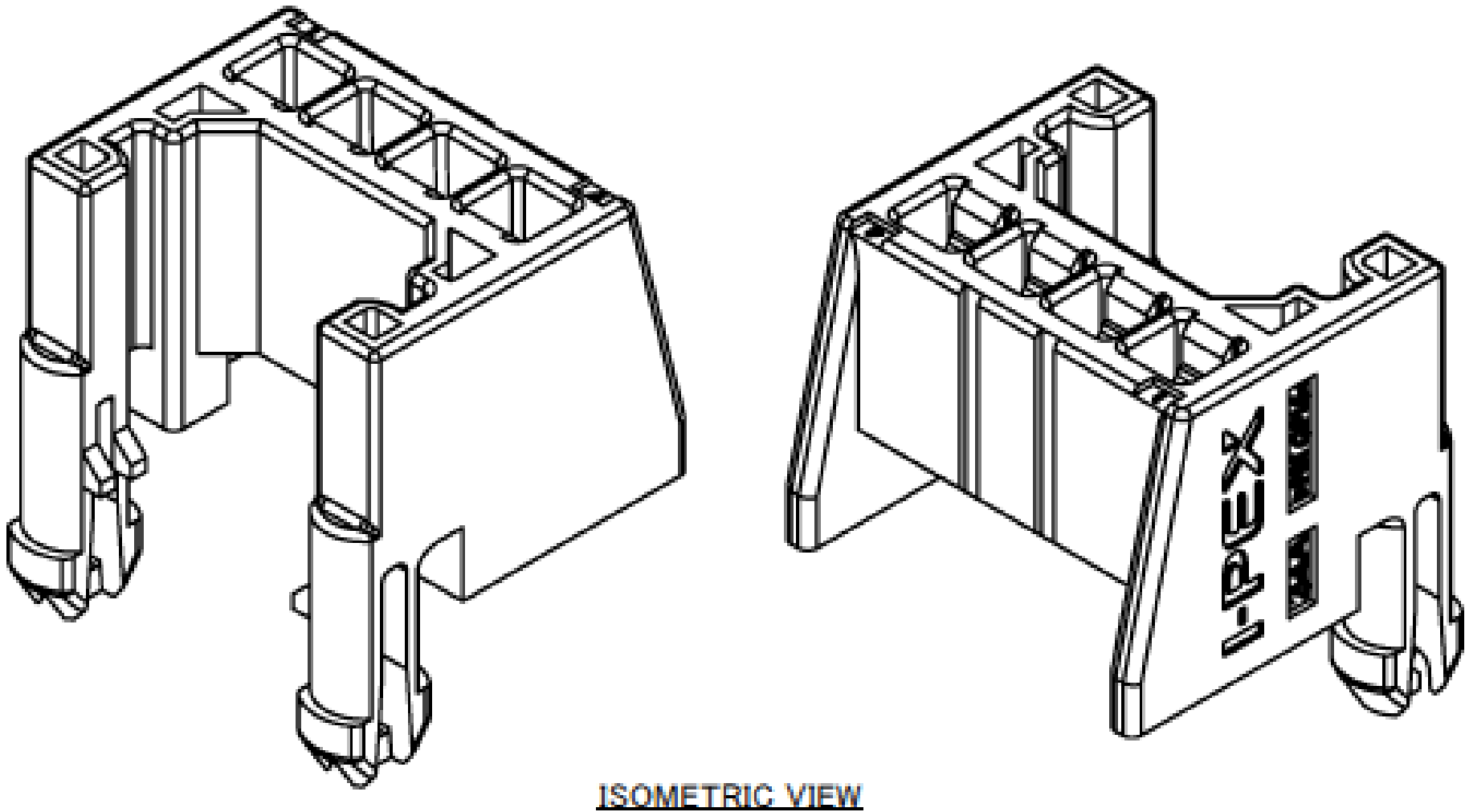
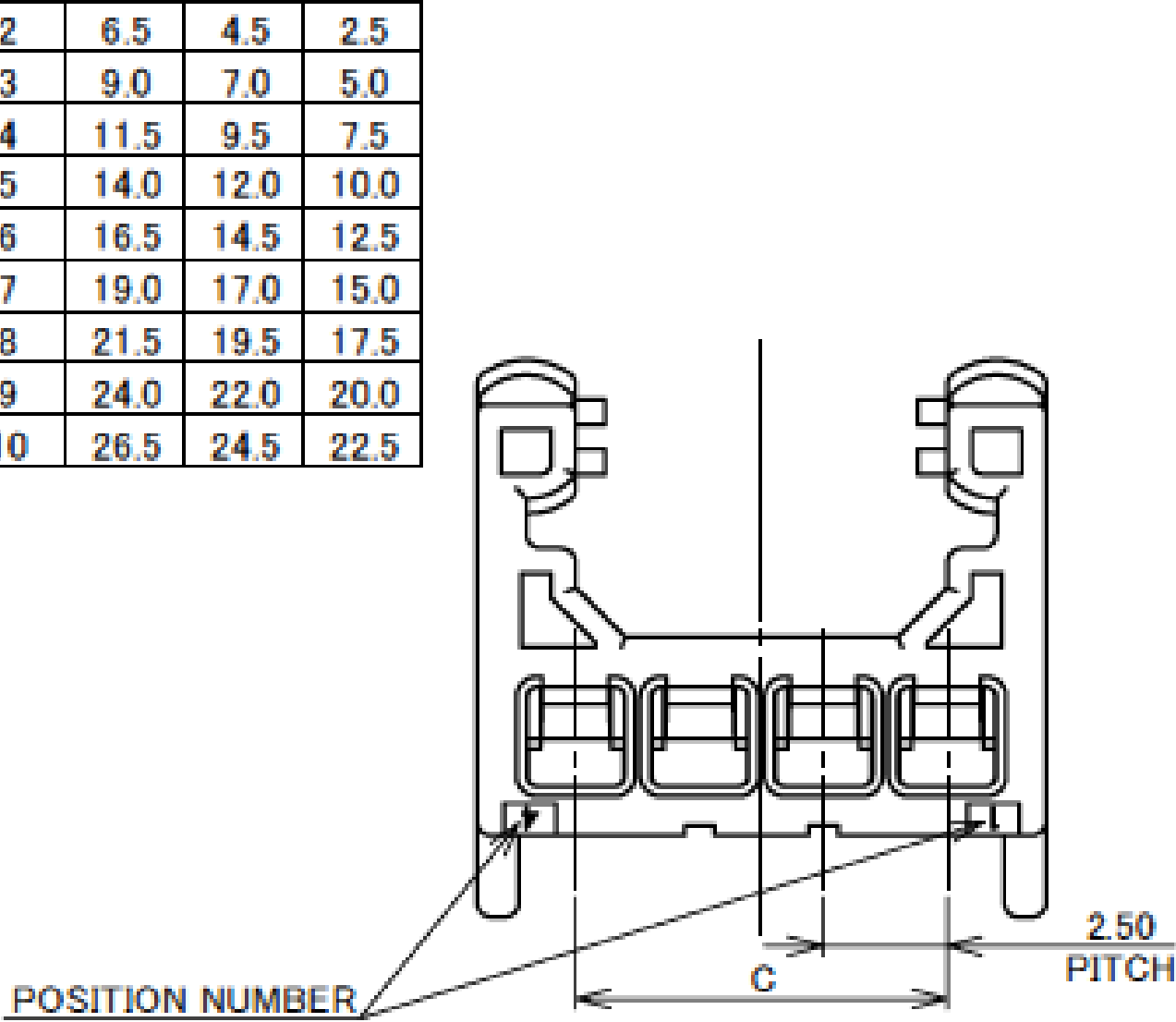
垂直款



Component Parts Details

IARPB® (Vertical Type) CONNECTOR HOUSING :

PART NO.	Pos.	A	B	C
V0145-91002-01	2	6.5	4.5	2.5
V0145-91003-01	3	9.0	7.0	5.0
V0145-91004-01	4	11.5	9.5	7.5
V0145-91005-01	5	14.0	12.0	10.0
V0145-91006-01	6	16.5	14.5	12.5
V0145-91007-01	7	19.0	17.0	15.0
V0145-91008-01	8	21.5	19.5	17.5
V0145-91009-01	9	24.0	22.0	20.0
V0145-91010-01	10	26.5	24.5	22.5

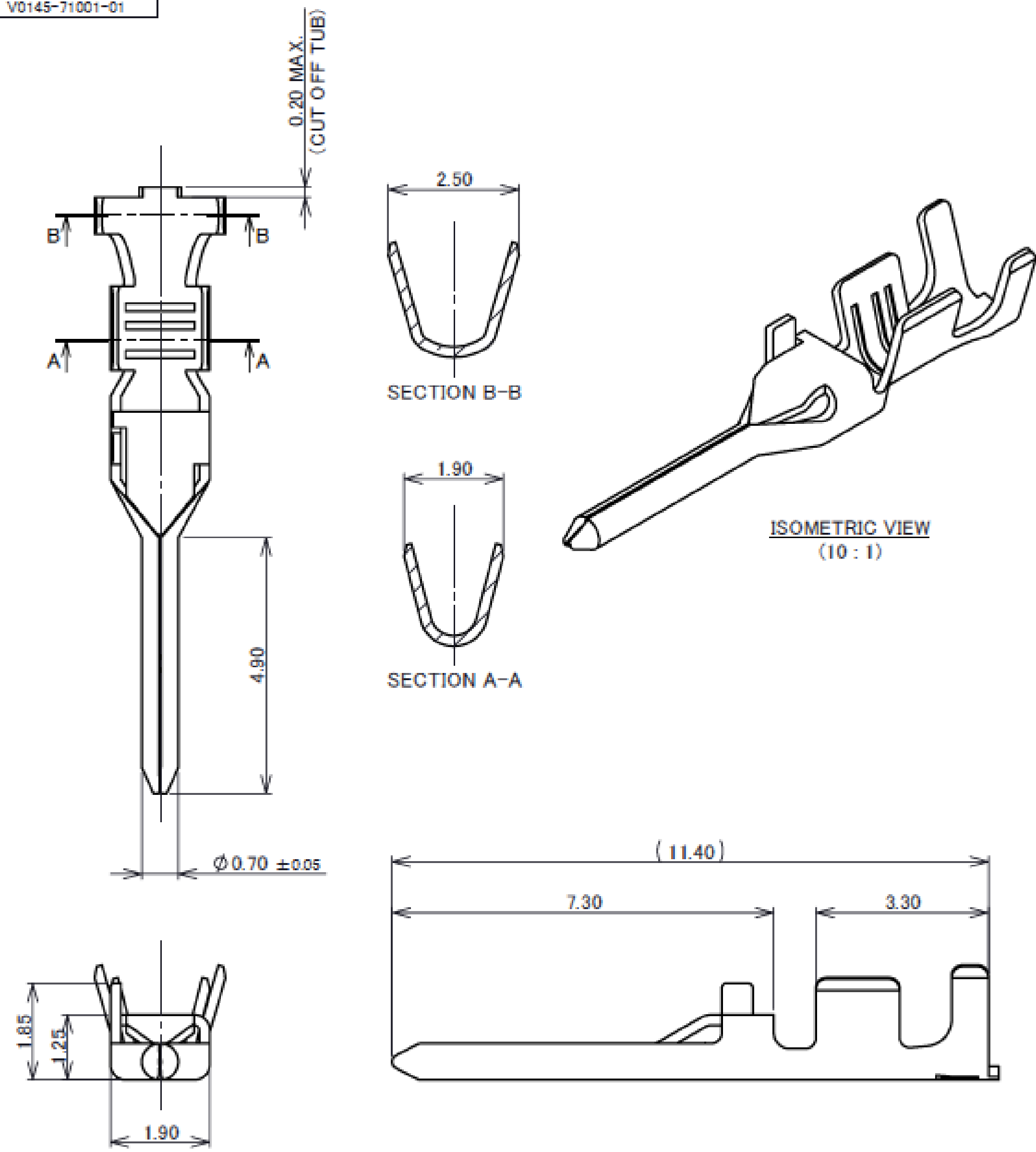


- NOTE
- 1. TERMINAL P/N: V0145-71001-01
 - 2. COMPLY WITH ELV/RoHS
 - 3. PRODUCT SPECIFICATION NO.: PSS-0041
 - 4. HANDLING MANUAL NO.: HDM-0035

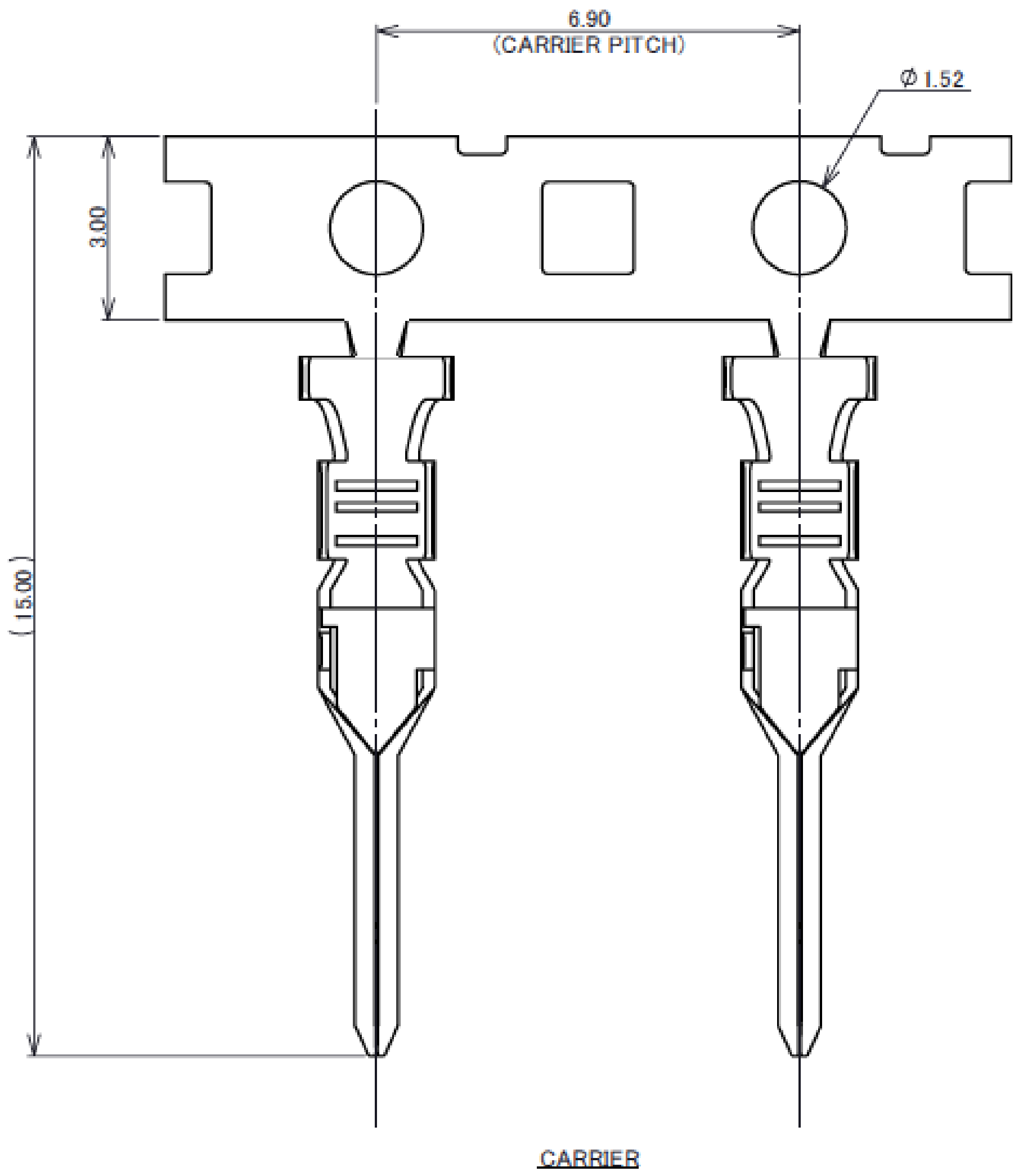
1	HOUSING	GLASS FILLED PBT	BLACK
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

IARPB® (Vertical Type) CONNECTOR TERMINAL :

PART NO.
V0145-71001-01



- NOTE
1. HOUSING P/N: V0145-9100N-01
 2. CABLE SIZE: 0.3 mm (FINISHED $\phi 1.67$ mm MAX.)
 3. COMPLY WITH ELV/RoHS
 4. PRODUCT SPECIFICATION NO.: PSS-0041
 5. HANDLING MANUAL NO.: HDM-0035

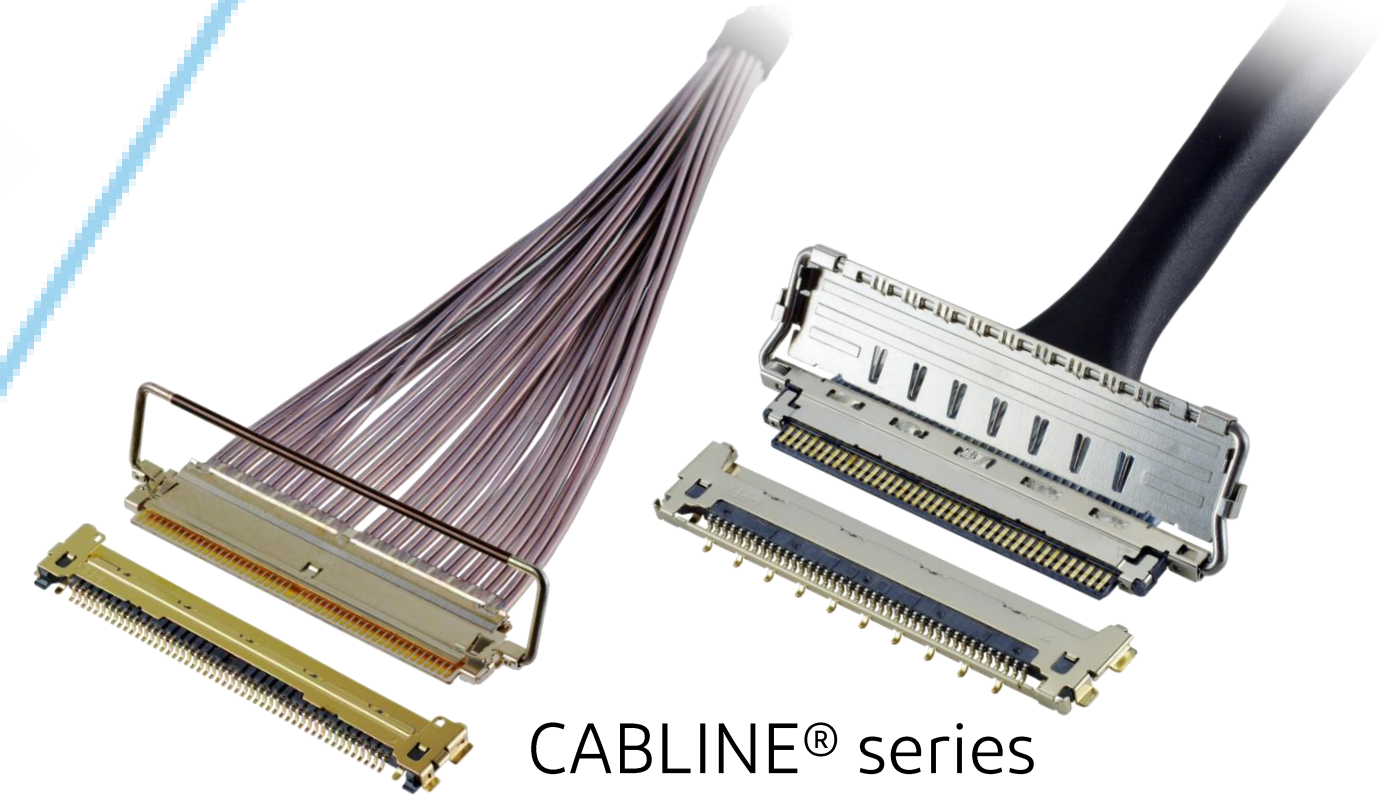


Rev.0

Custom Connectors Available

RF Connectors

MHF® series



CABLINE® series

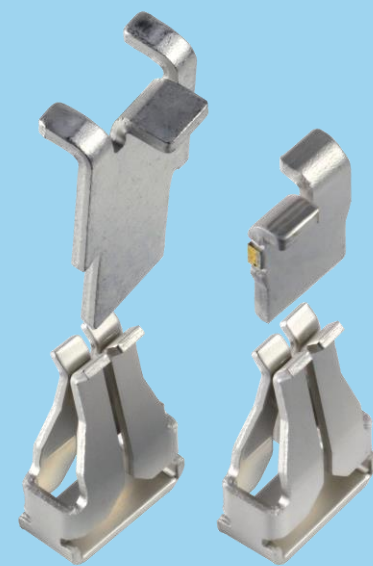


Micro-Coaxial/Twinax Connectors



Wire-to-Board Connectors/ Terminals

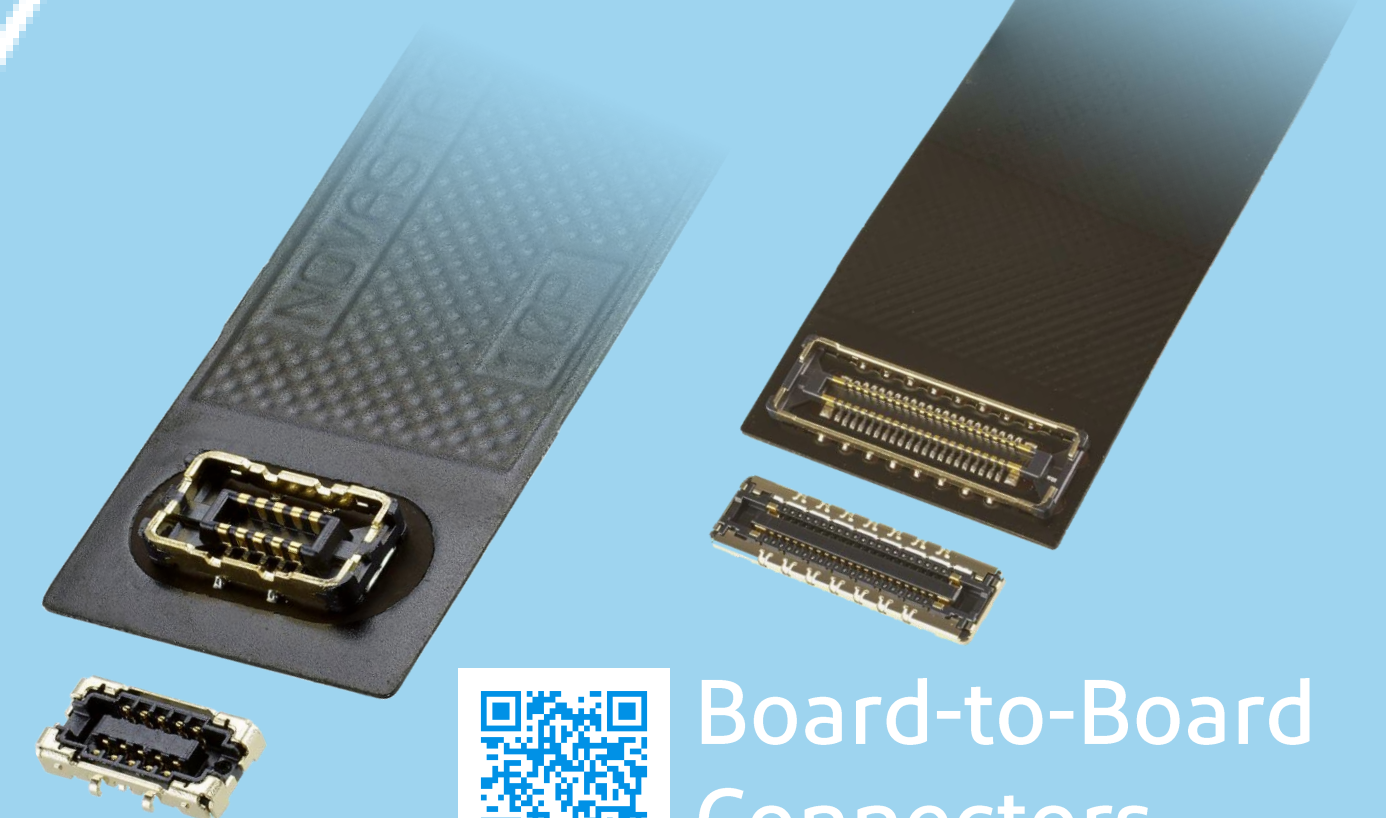
AP series



ISH® series



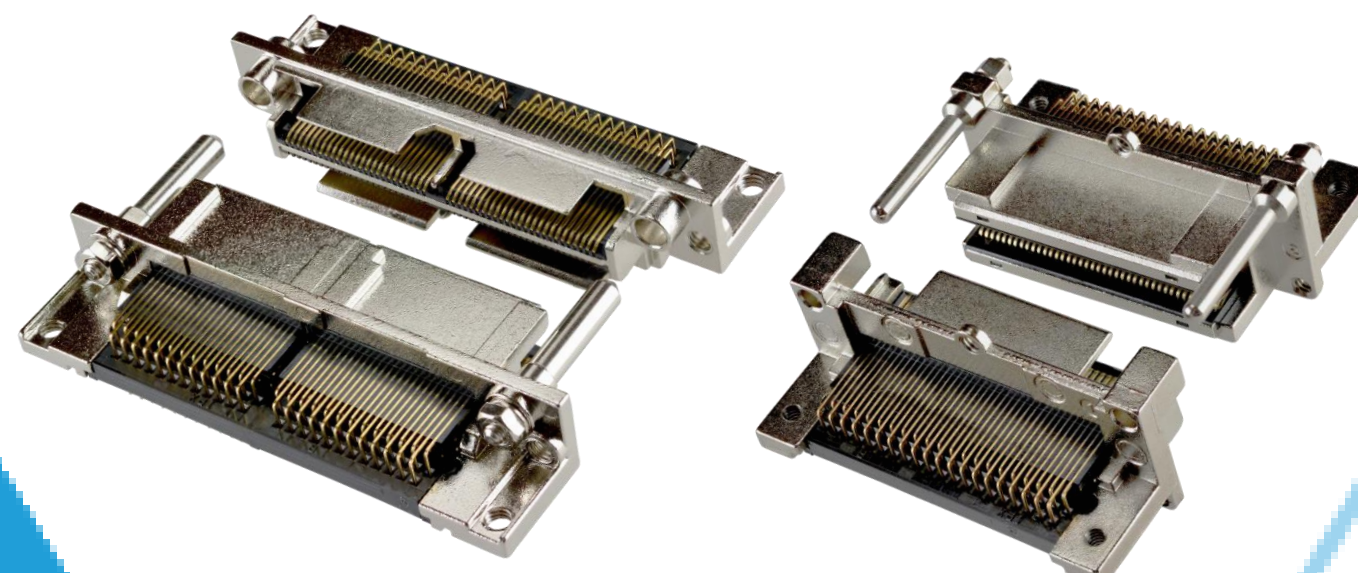
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

MINIFLEX® series EVAFLEX® series



FPC/FFC Connectors



Inquiry



I-PEX, MHF, CABLINE, NOVASTACK, ISH, IARPB, MINIFLEX, EVAFLEX, MINIDOCK and ZenShield are registered trademarks of I-PEX Inc. Please note that the contents in the catalog might be changed without prior notification. I-PEX Inc. assumes no responsibility for any inaccuracies or obligation to update Information on these documents. Please be sure to read and understand the latest "Precautions for Use" and "Instruction Manual" before you use our products. We shall not be responsible for any defects, damages or troubles in case you use our products without following the precautions for use. Please feel free to contact our sales representatives when you use our products for applications that require very high reliability and safety, or that relate to human life (ex. nuclear power control, aerospace, transportation, medical equipment, safety equipment etc).

Contact your sales representative
or more detailed information.

www.i-pex.com



I-PEX

© I-PEX Inc. 2025
All rights reserved