

IARPB[®] (Vertical Type)

抗振、一體式、垂直款入板式連接器

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
Vioration 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:

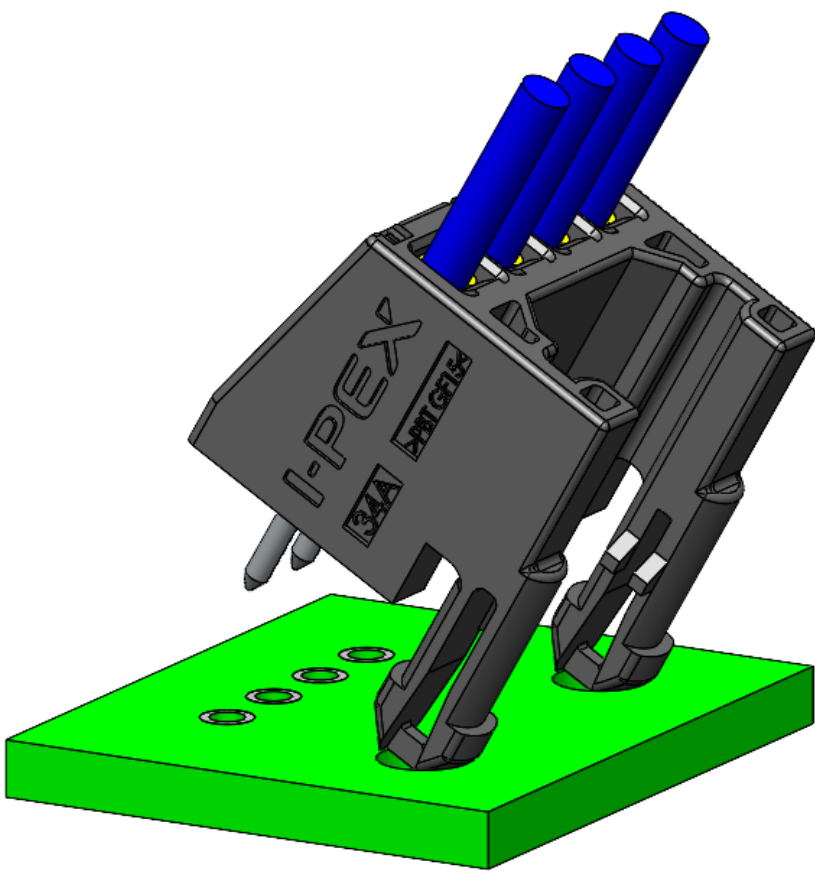
AWG#22 *Insulation Diameter 1.67 mm max.

*若有規格外 Pin 數需求,請與當地負責業務窗口聯繫.

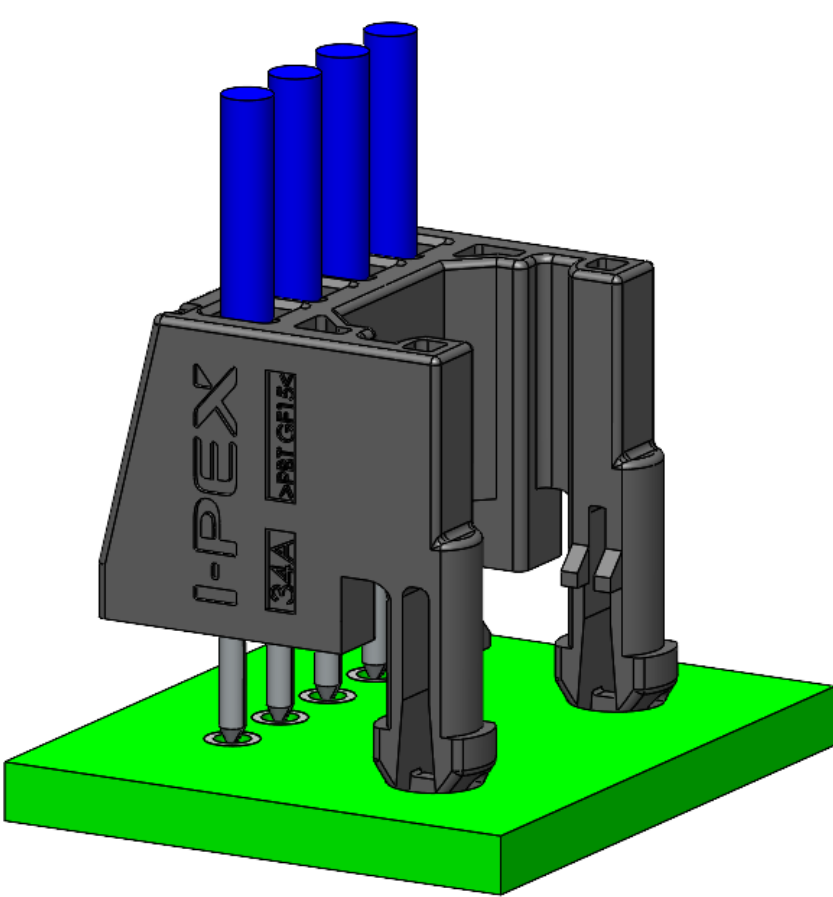


▶ 外殼上的定位凸台將端子引導至 PCB 通孔

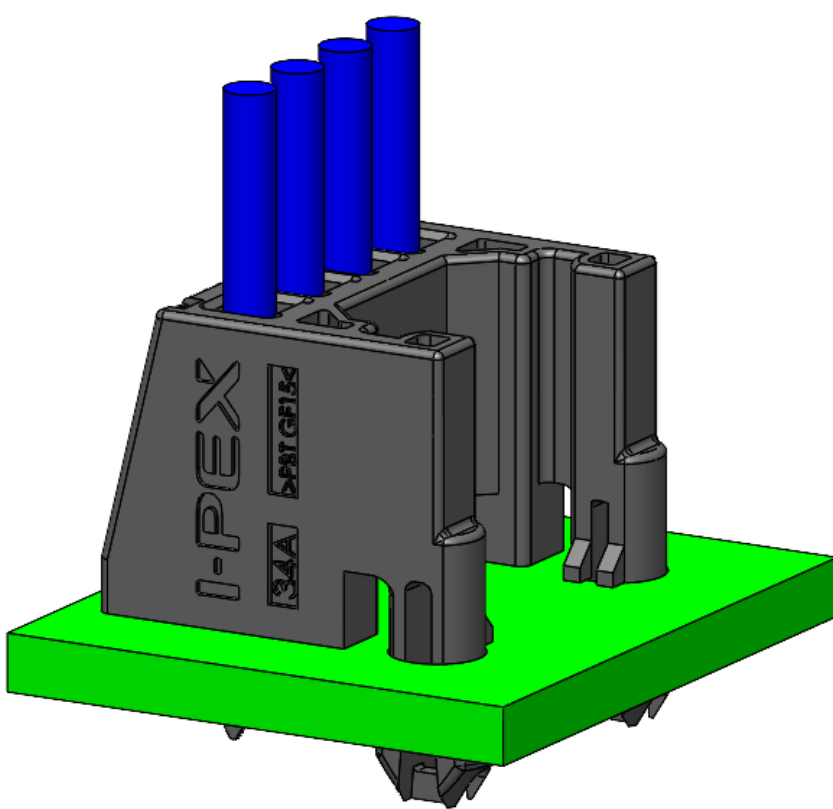
1. 安裝位置由定位凸台決定



2. 引導端子到PCN通孔

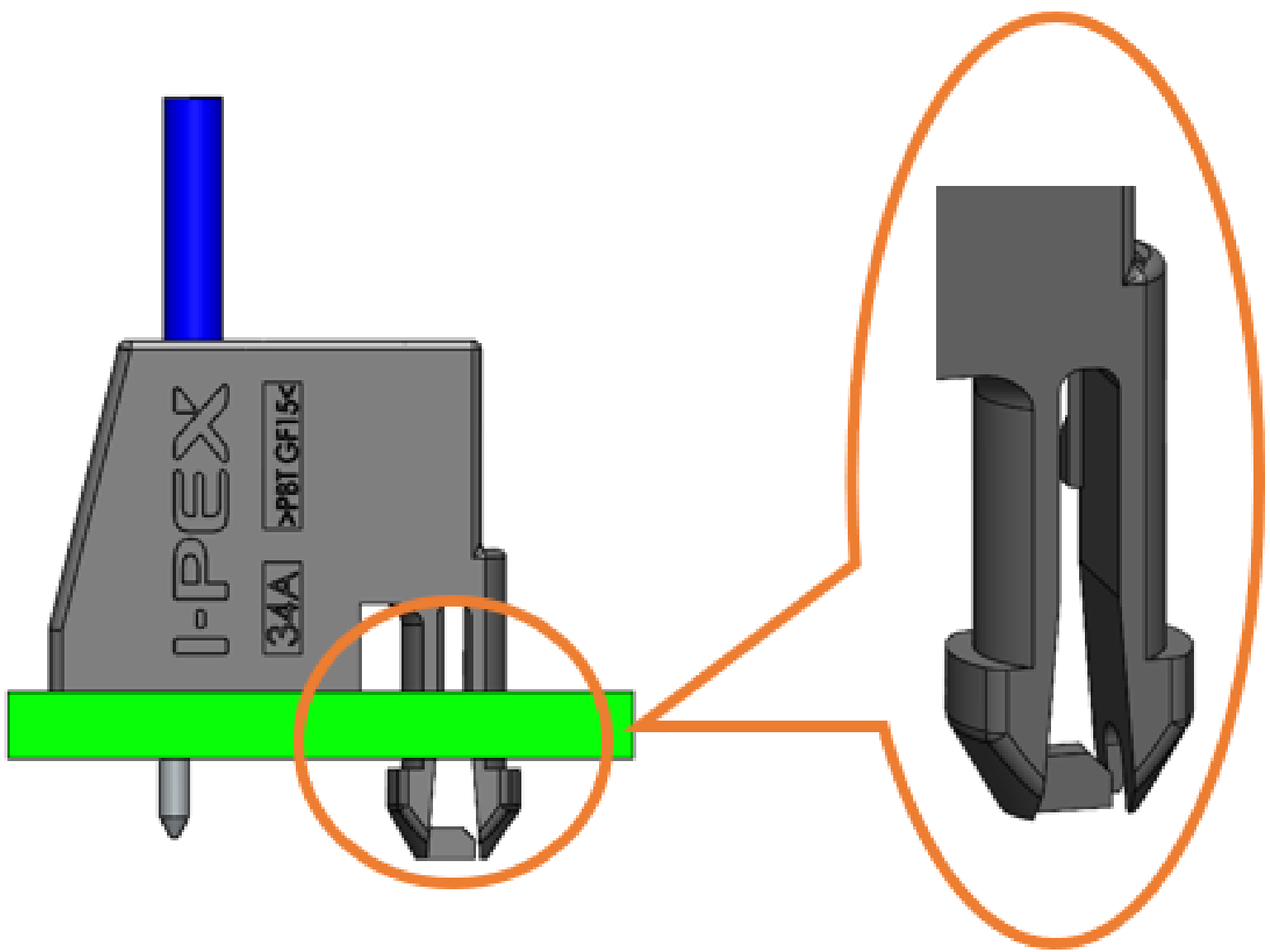


3. 將連接器插入PCB

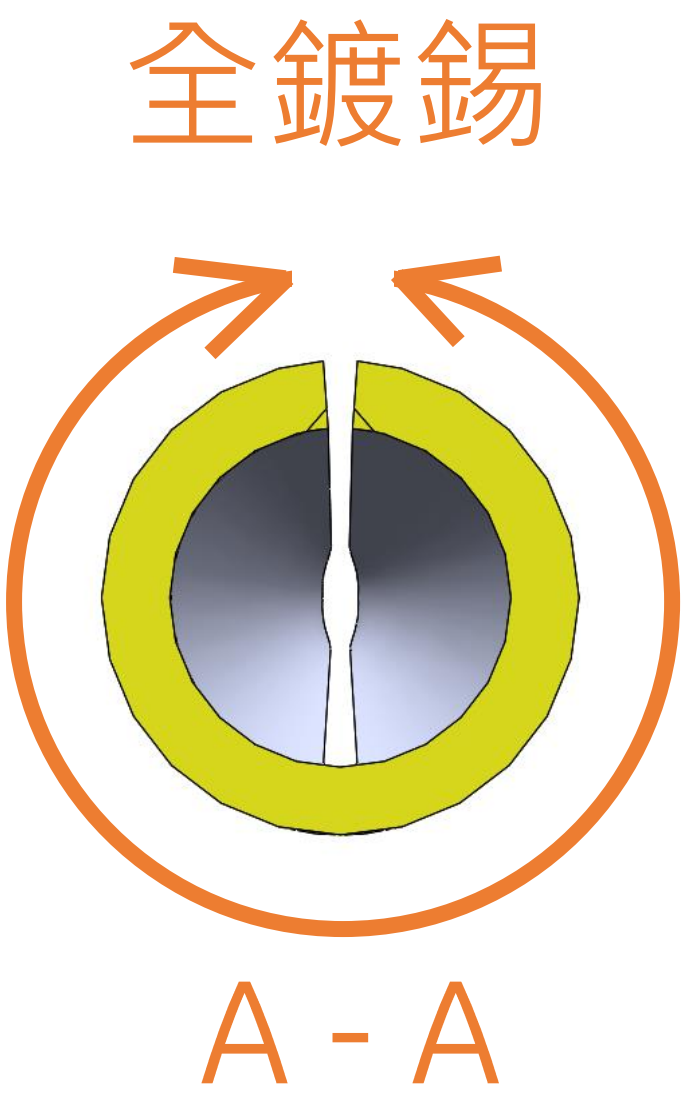
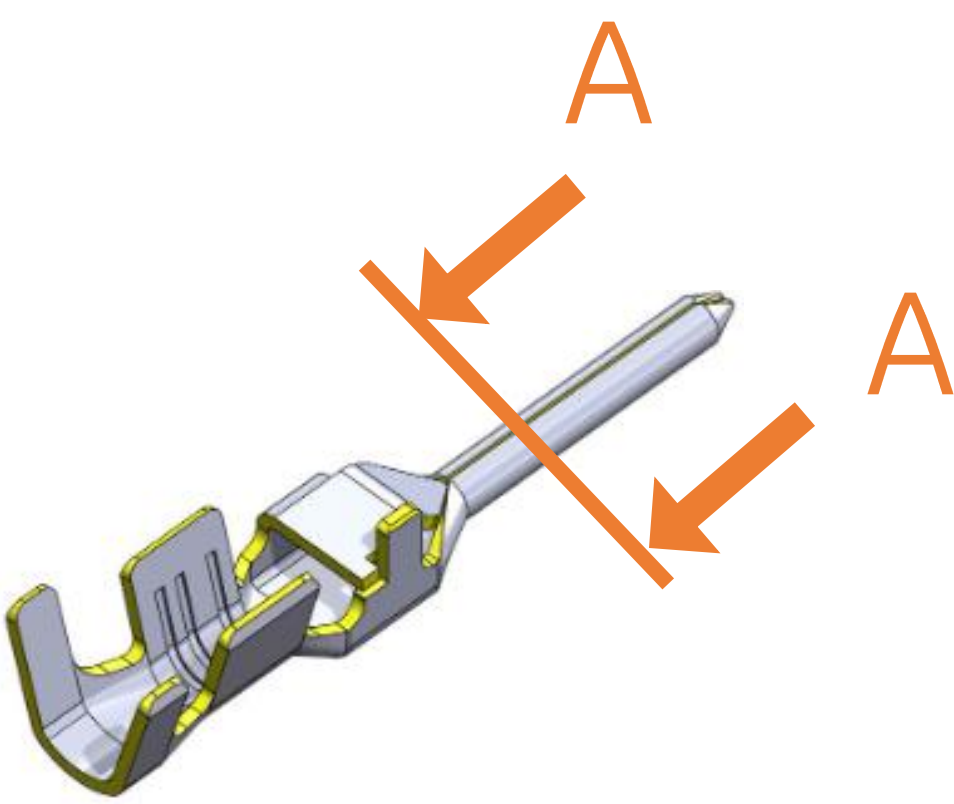


▶ 連接可靠性高

定位在外殼上的凸起結構，可提高振動性能



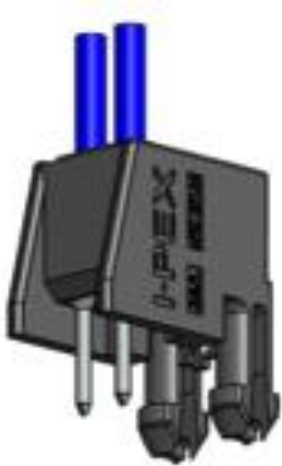
圓週上覆蓋有鍍錫，具有高度可焊性



▶ 透過水平和垂直變化的廣泛可選範圍來提高設計靈活性

垂直款

2P



3P



4P



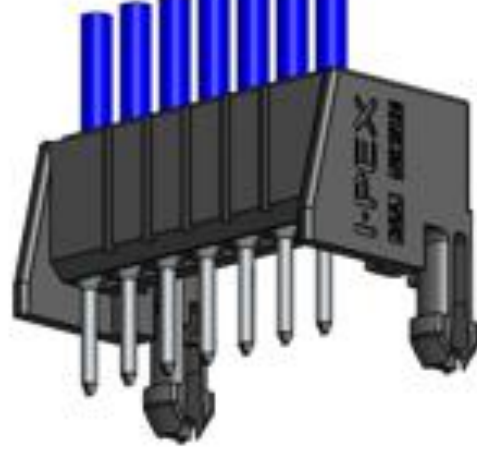
5P



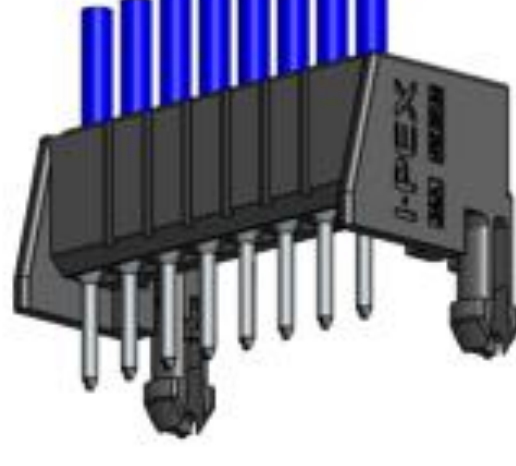
6P



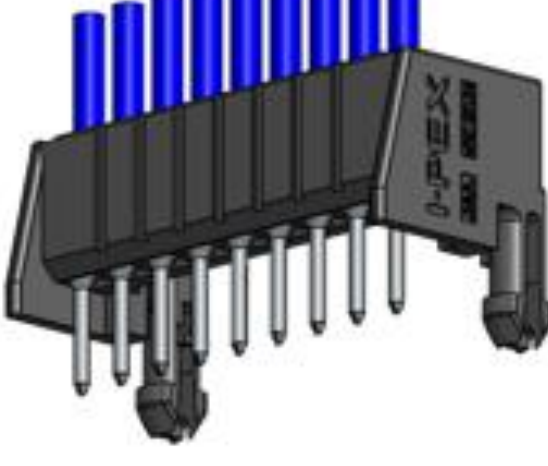
7P



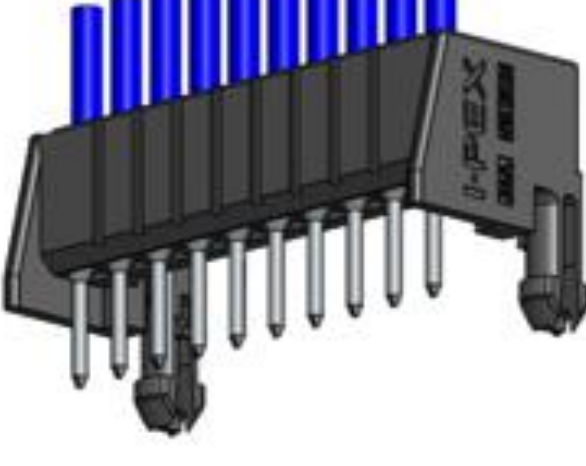
8P



9P



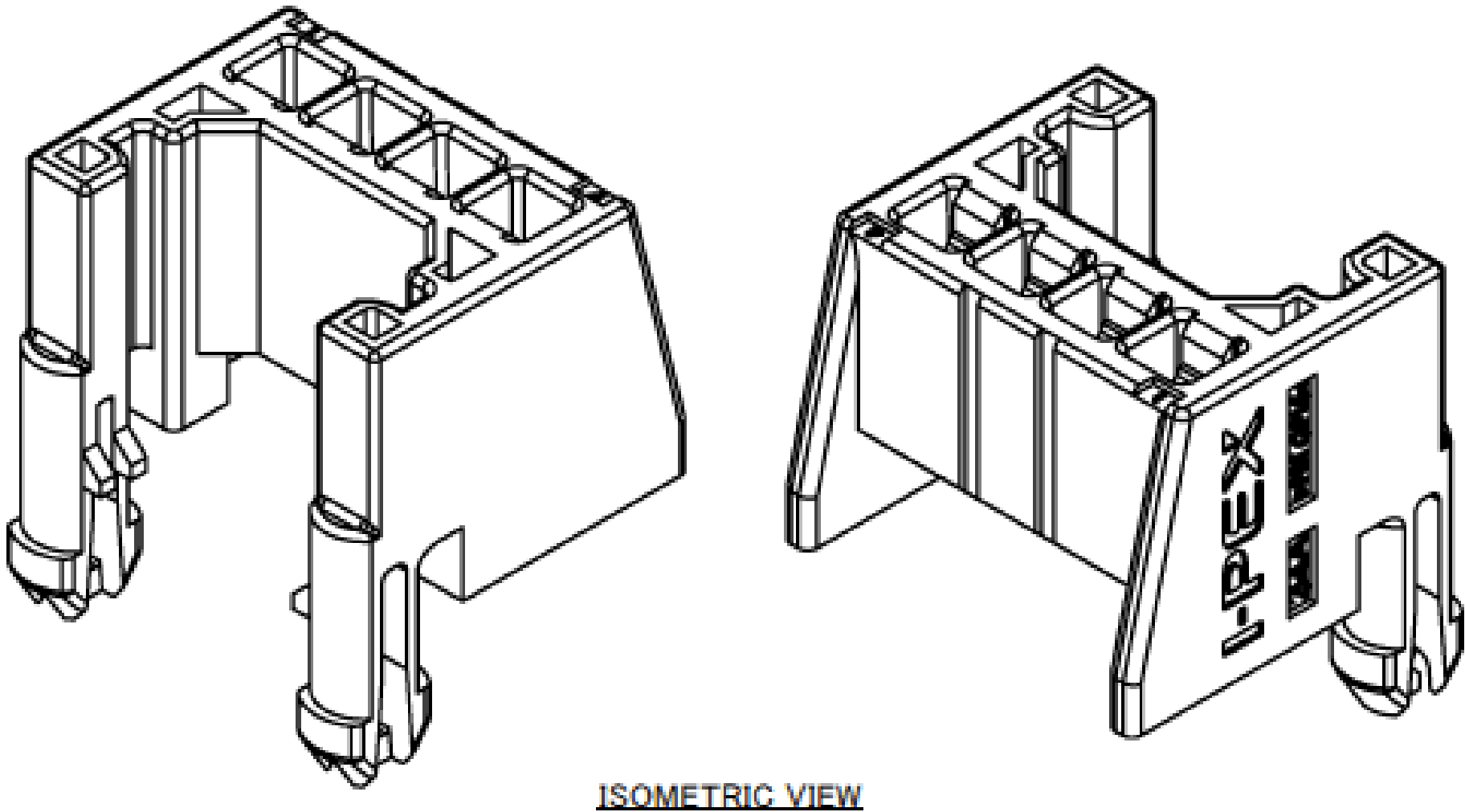
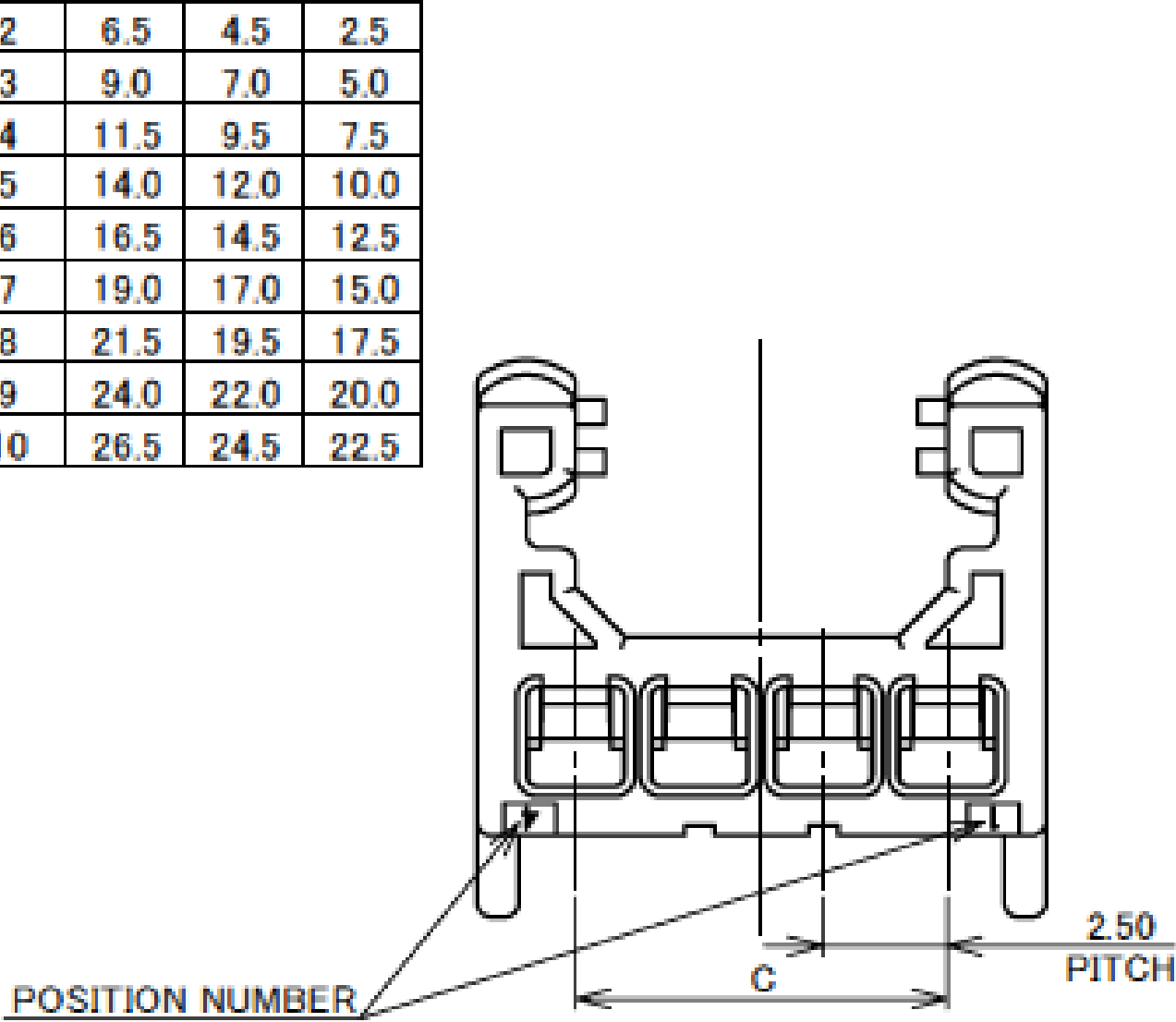
10P



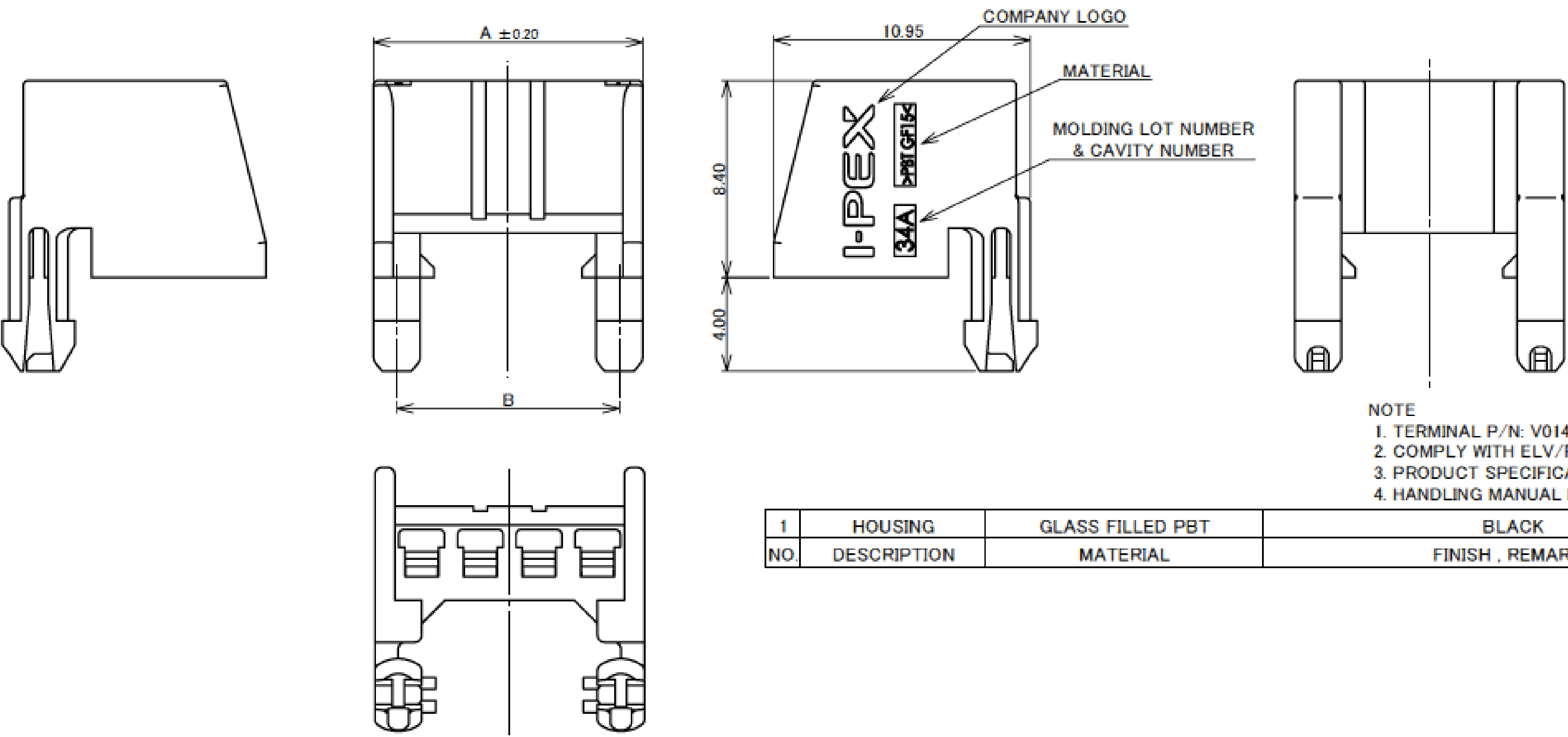
Component Parts Details

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



ISOMETRIC VIEW

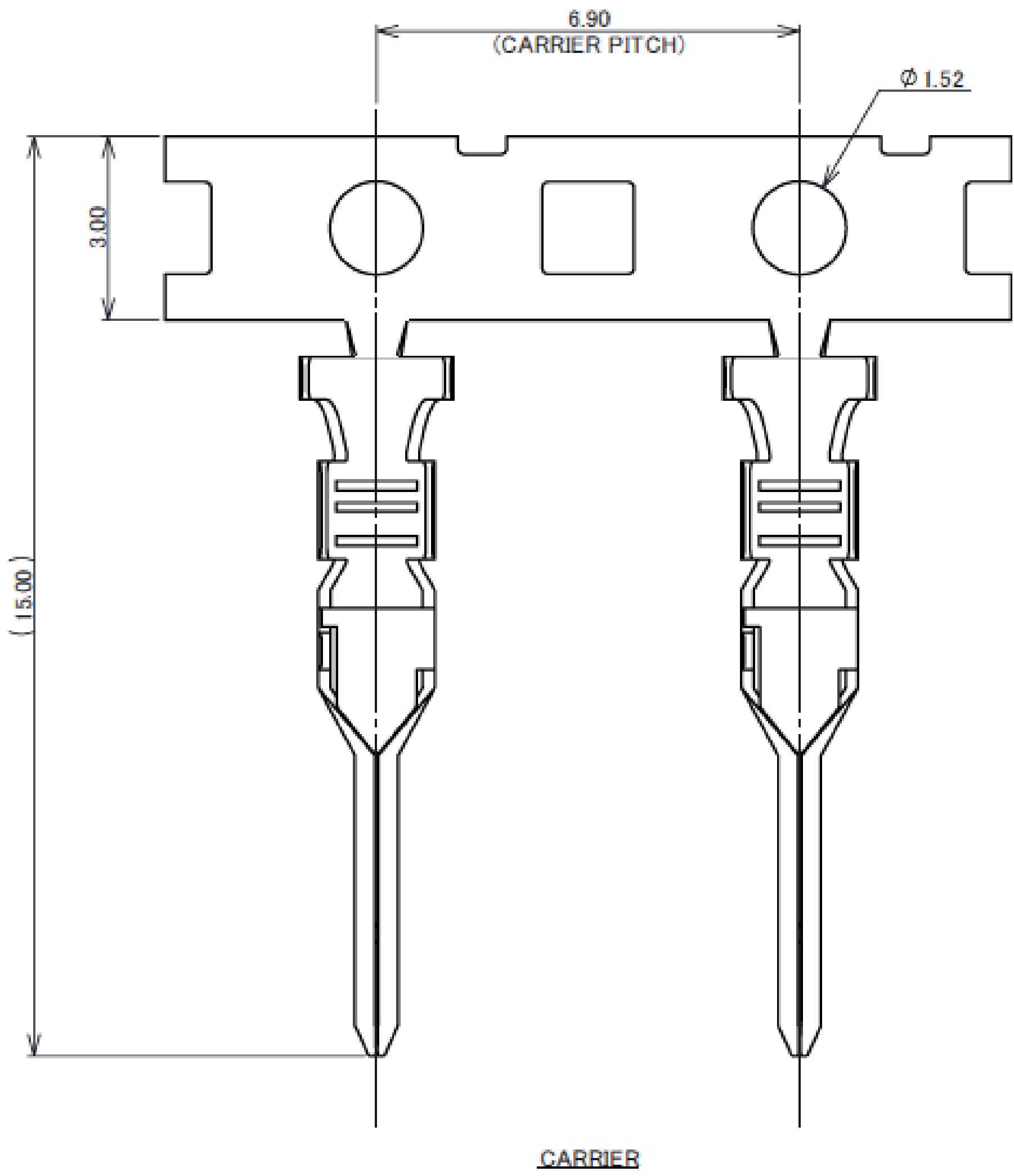
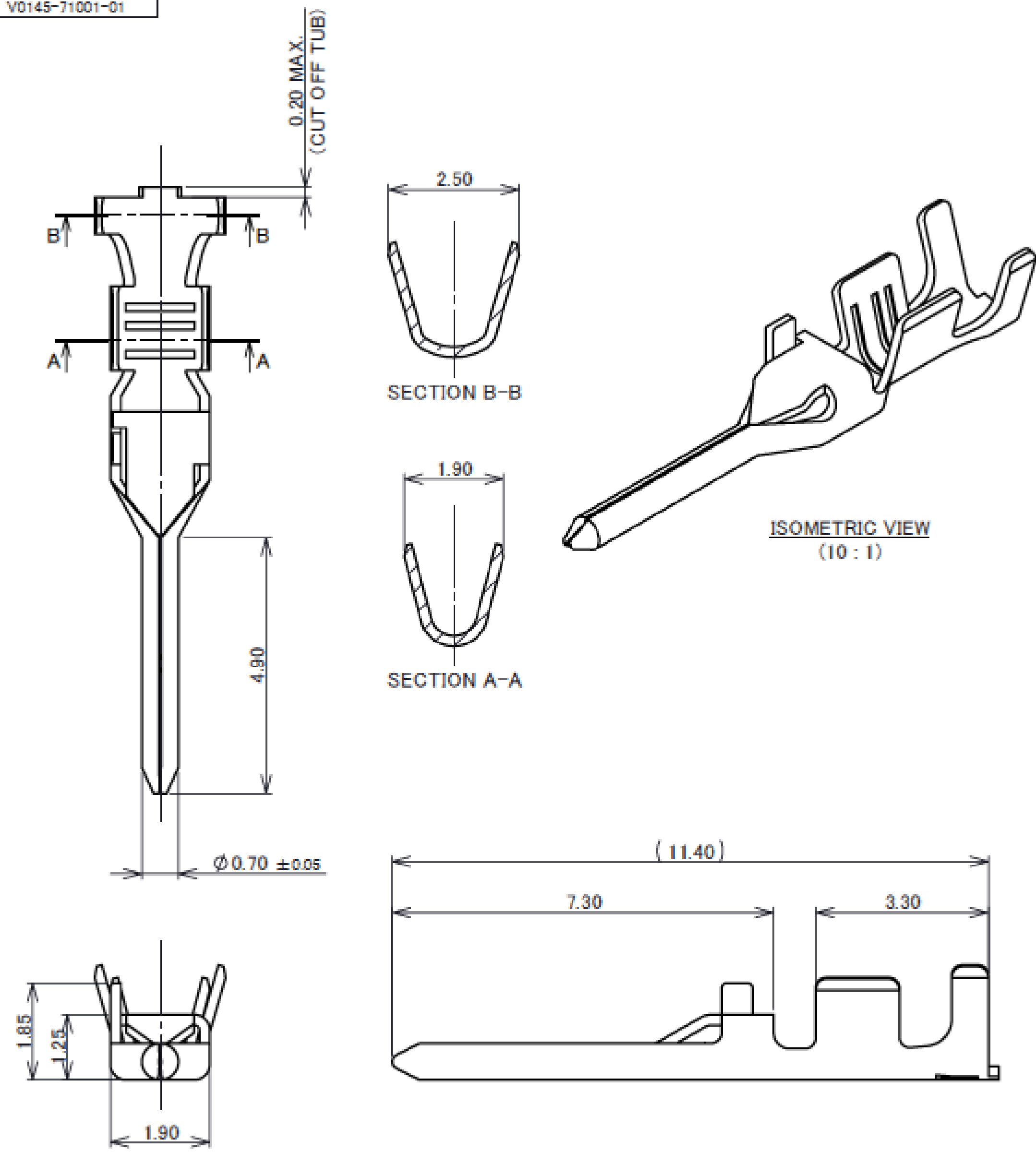


NOTE
1. TERMINAL P/N: V0145-71001-01
2. COMPLY WITH ELV/RoHS
3. PRODUCT SPECIFICATION NO.: PSS-0041
4. HANDLING MANUAL NO.: HDM-0035

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

IARPB® (Vertical Type) CONNECTOR TERMINAL :

PART NO.
V0145-71001-01



1	TERMINAL	BRASS	REFLOW Sn
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

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

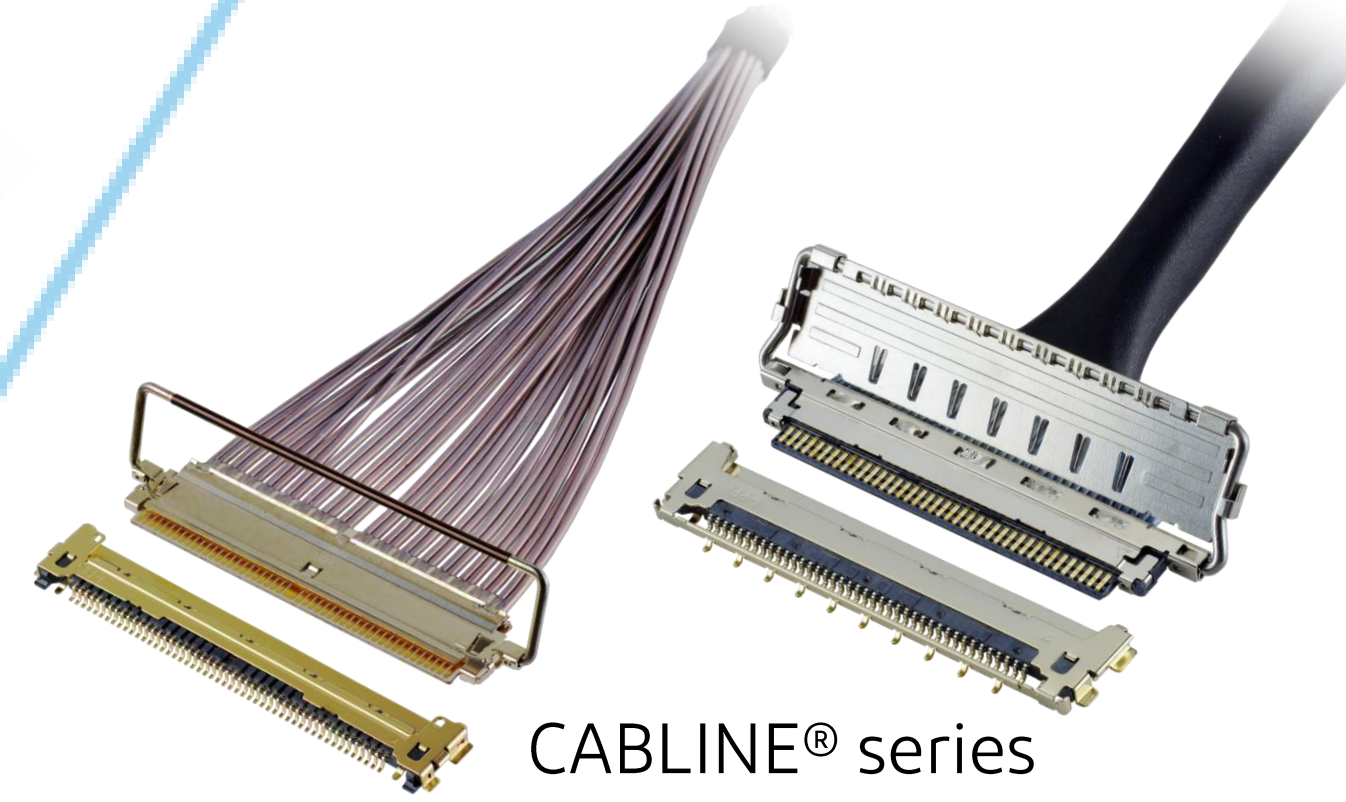


RF
Connectors

MHF® series



CABLINE® series
Micro-Coaxial/Twinax
Connectors

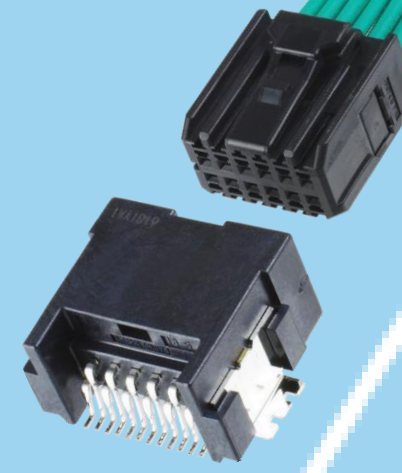


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



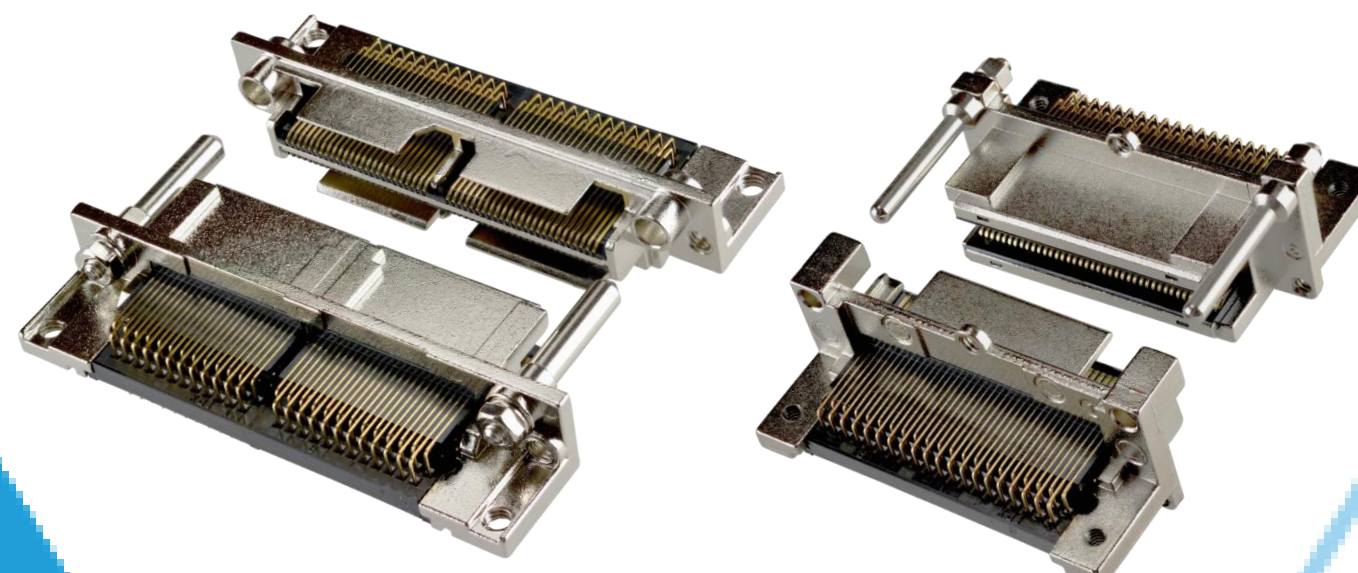
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



MINIDOCK™ series

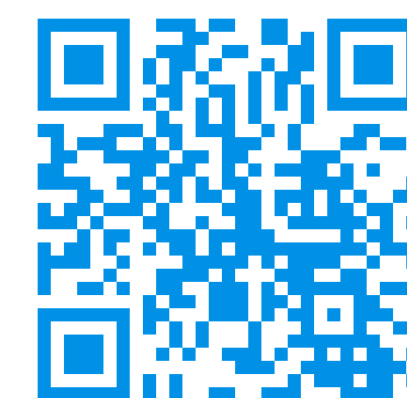


FPC/FFC
Connectors

MINIFLEX® series EVAFLEX® series



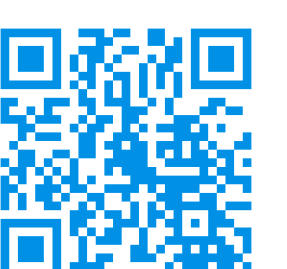
Inquiry



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