

IARPB[®] (Vertical Type)

Vibration resistant, one-piece, vertical type board-in connector

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.

*Please inquire for pin counts not listed or outside of the pin count range.

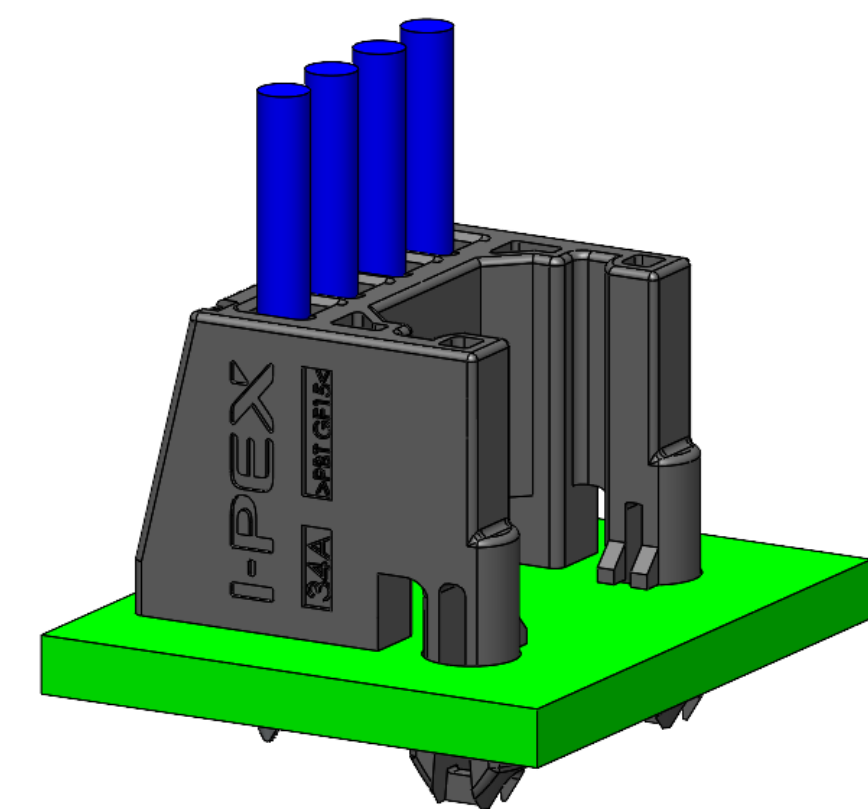
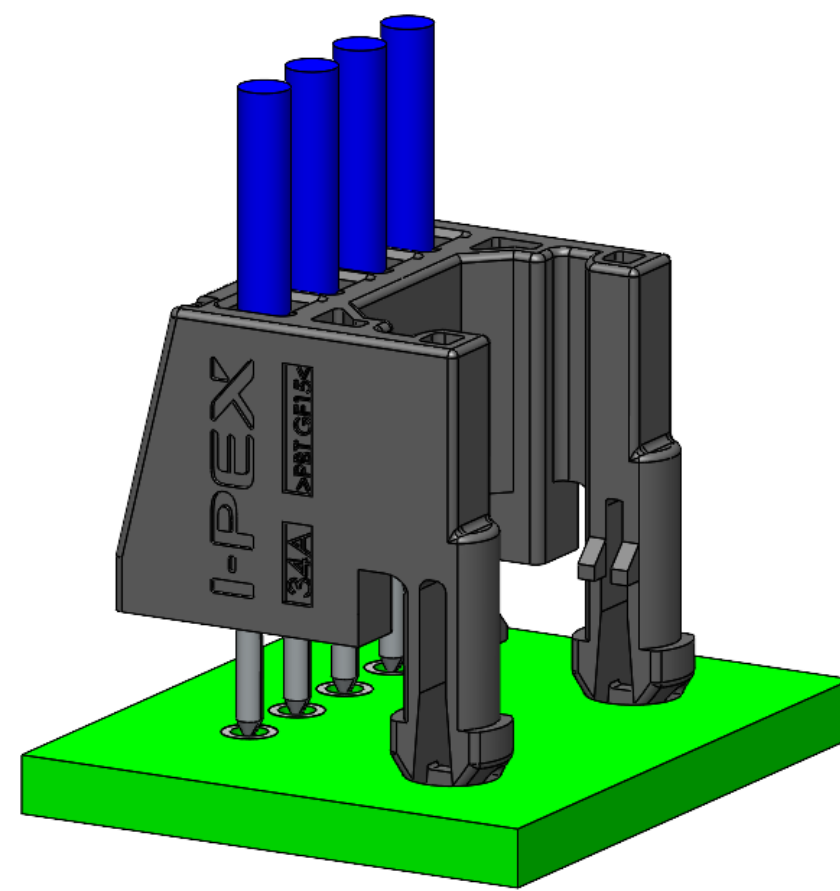
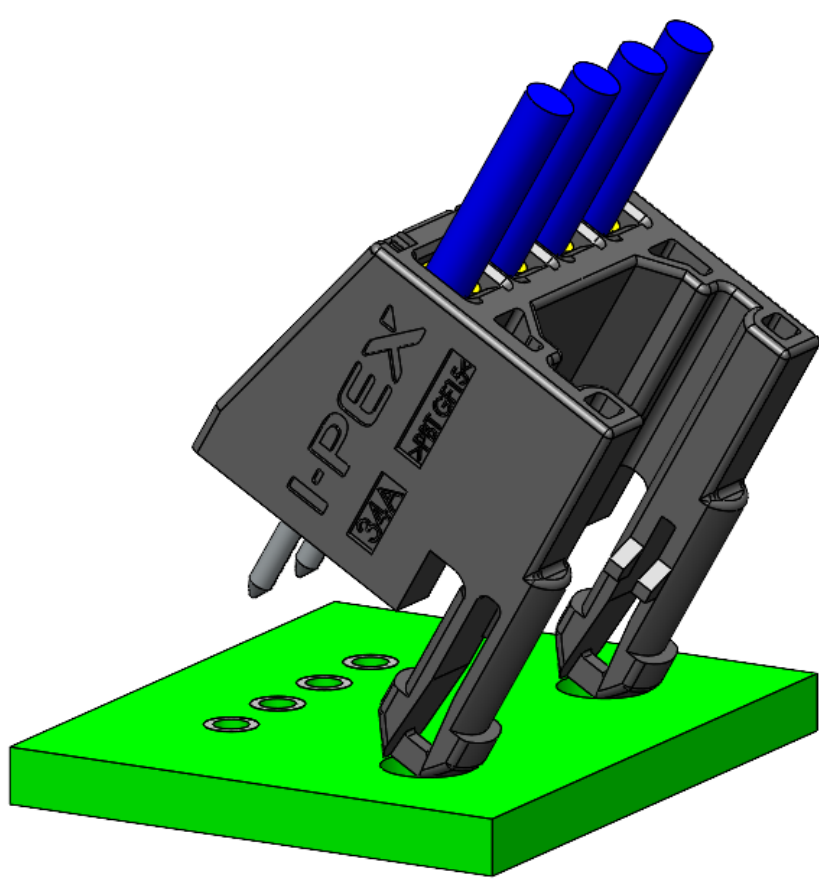


► The positioning boss on housing guides the terminal to the PCB through-hole

1. Mount position is determined by the positioning boss

2. Guiding the terminal to the PCB through hole

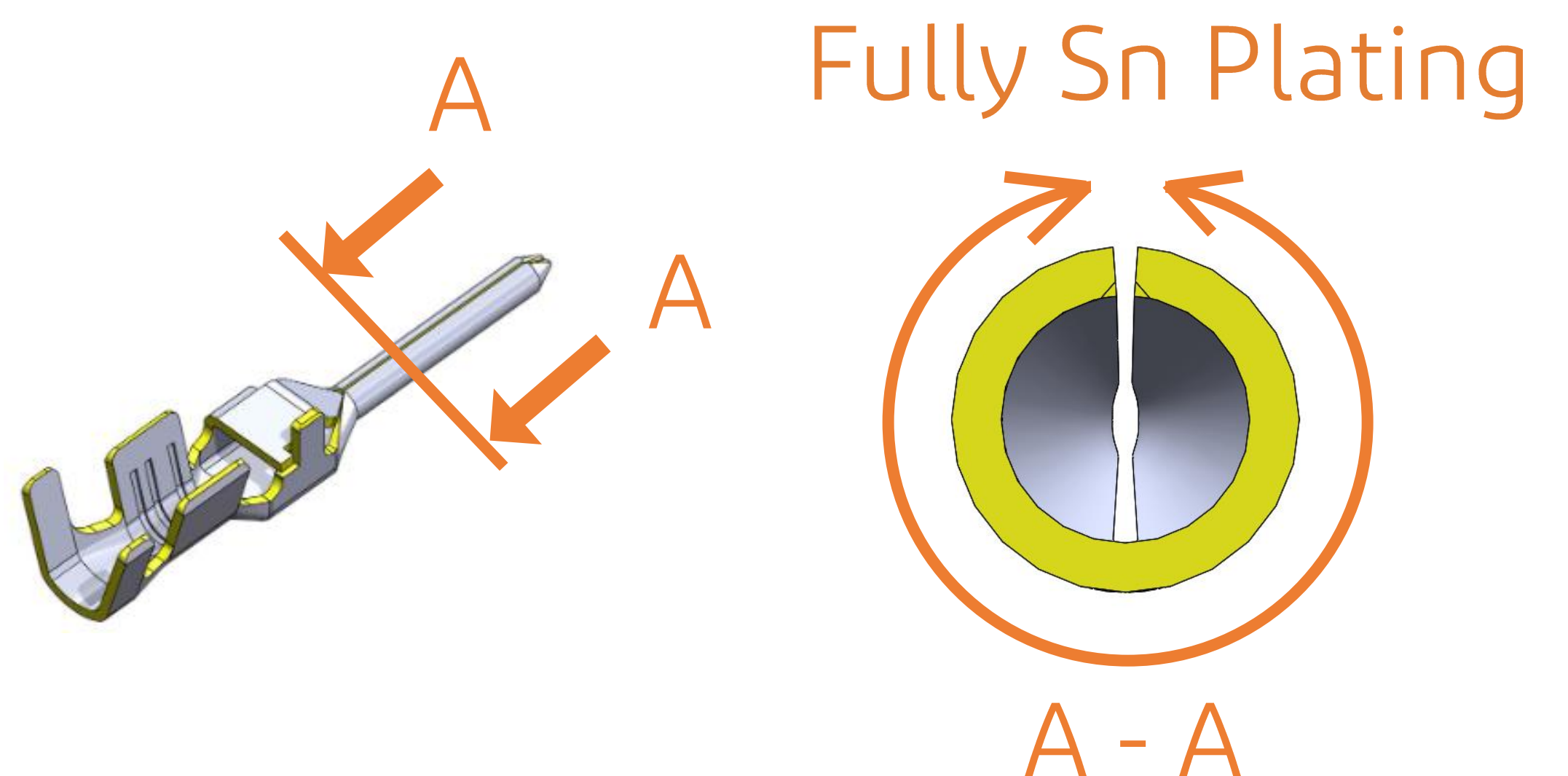
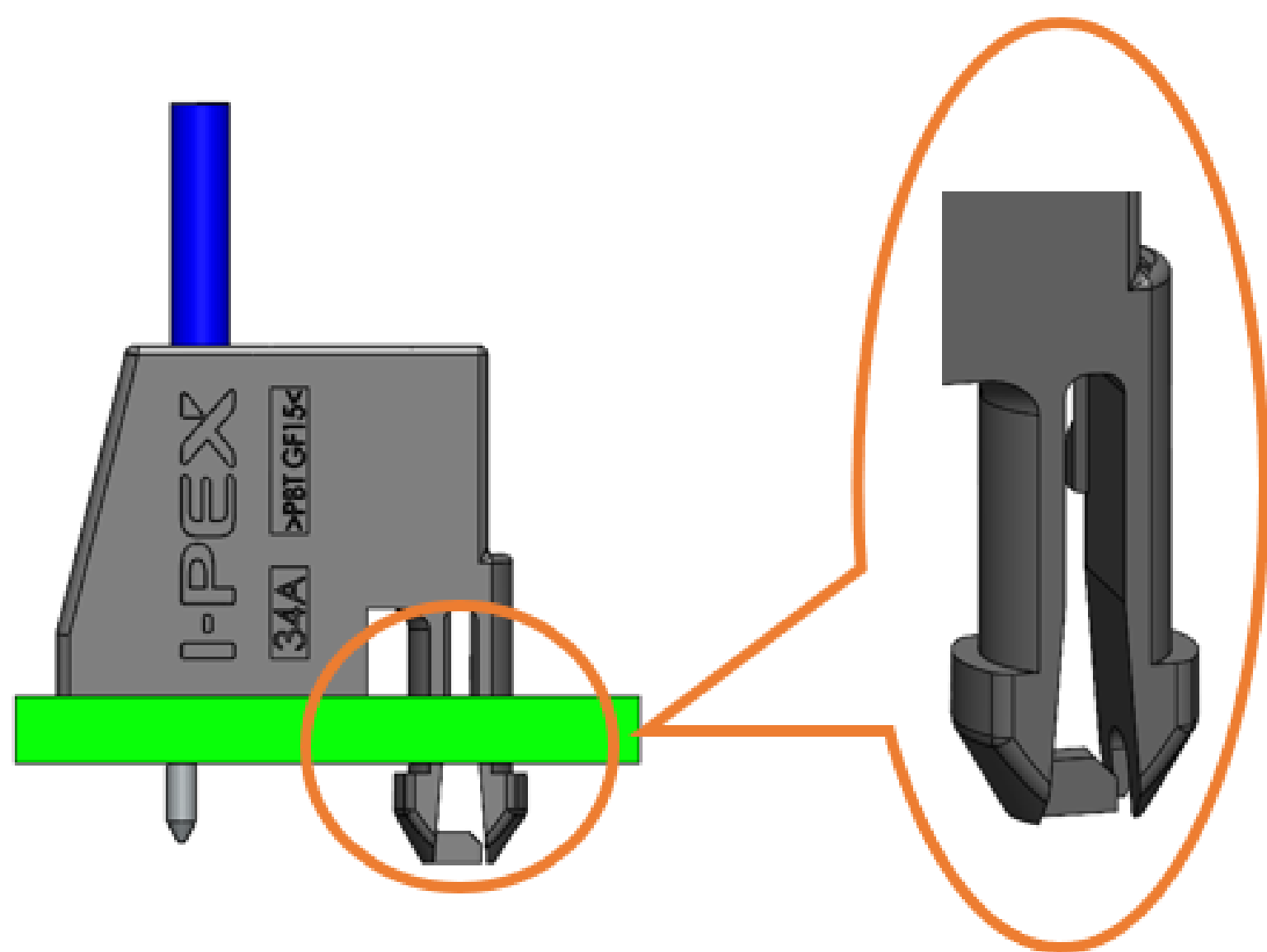
3. Inserting the connector into the PCB



► High Connection Reliability

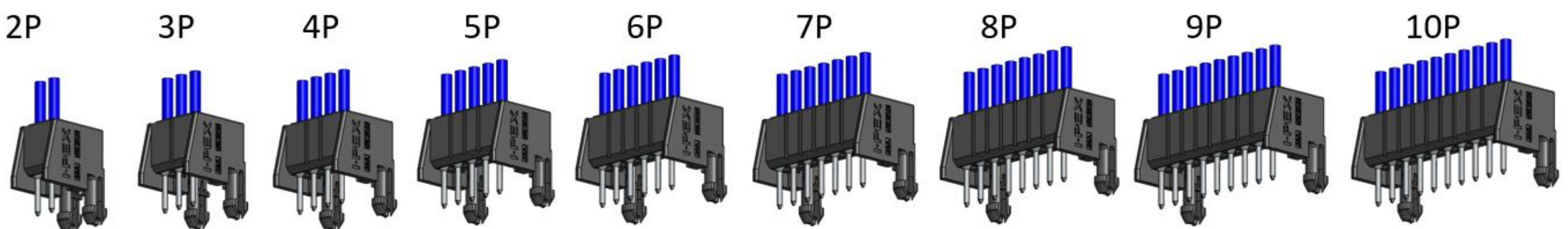
Positioning boss on housing enhances performance under vibration

Circumference is covered with Sn plating, allowing high solderability



► Increase design flexibility with wide range of horizontal and vertical variations

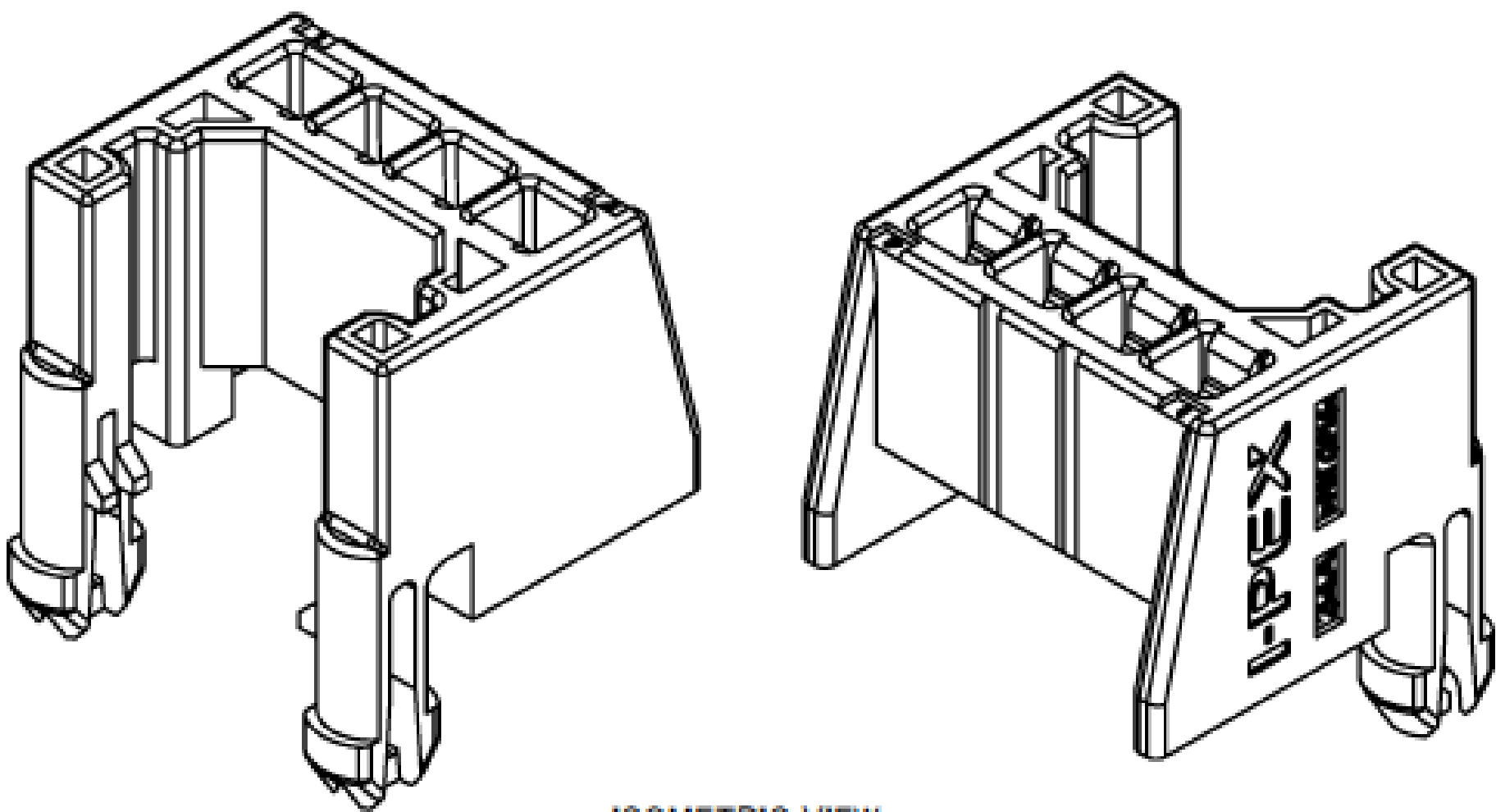
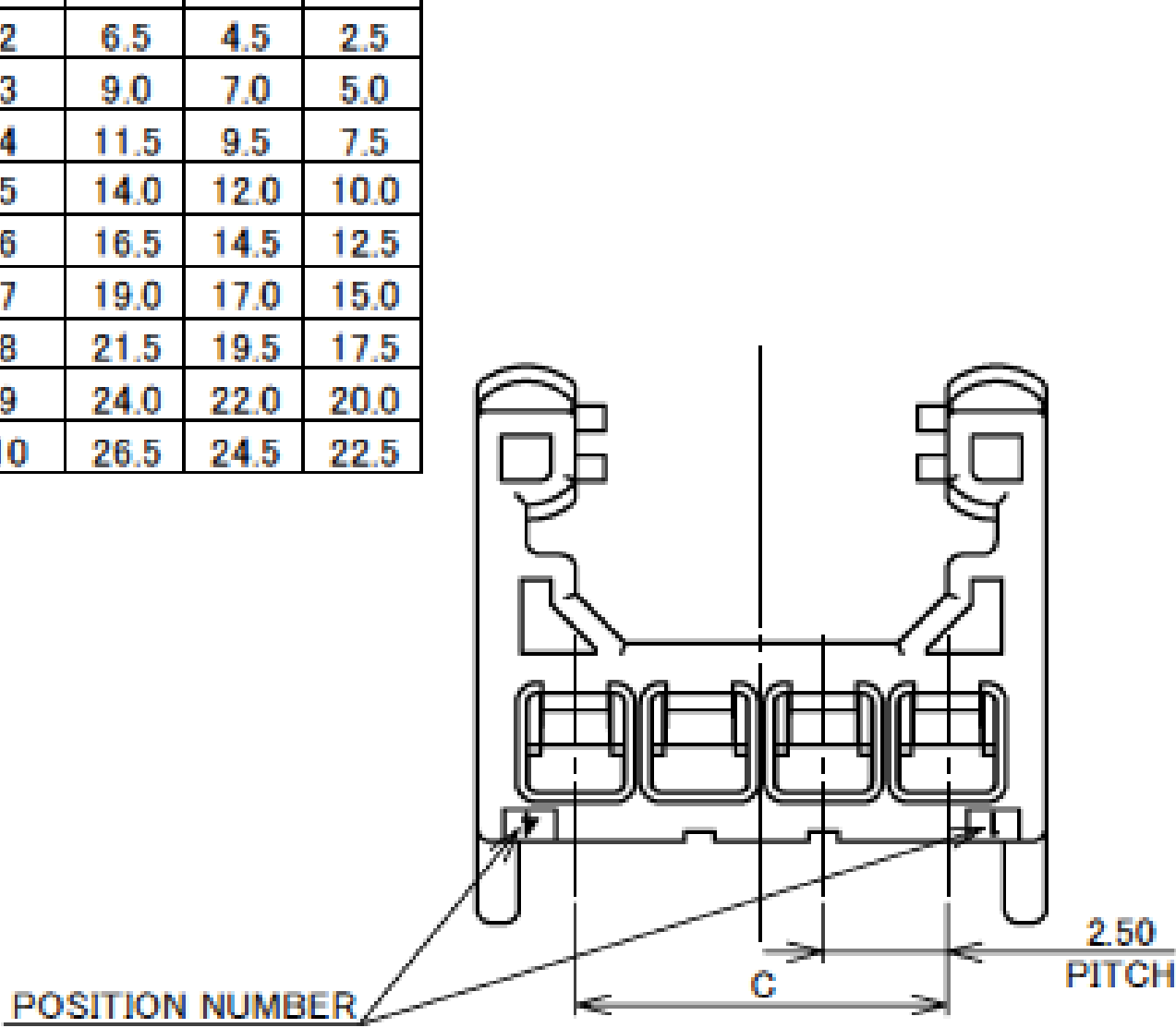
Vertical type



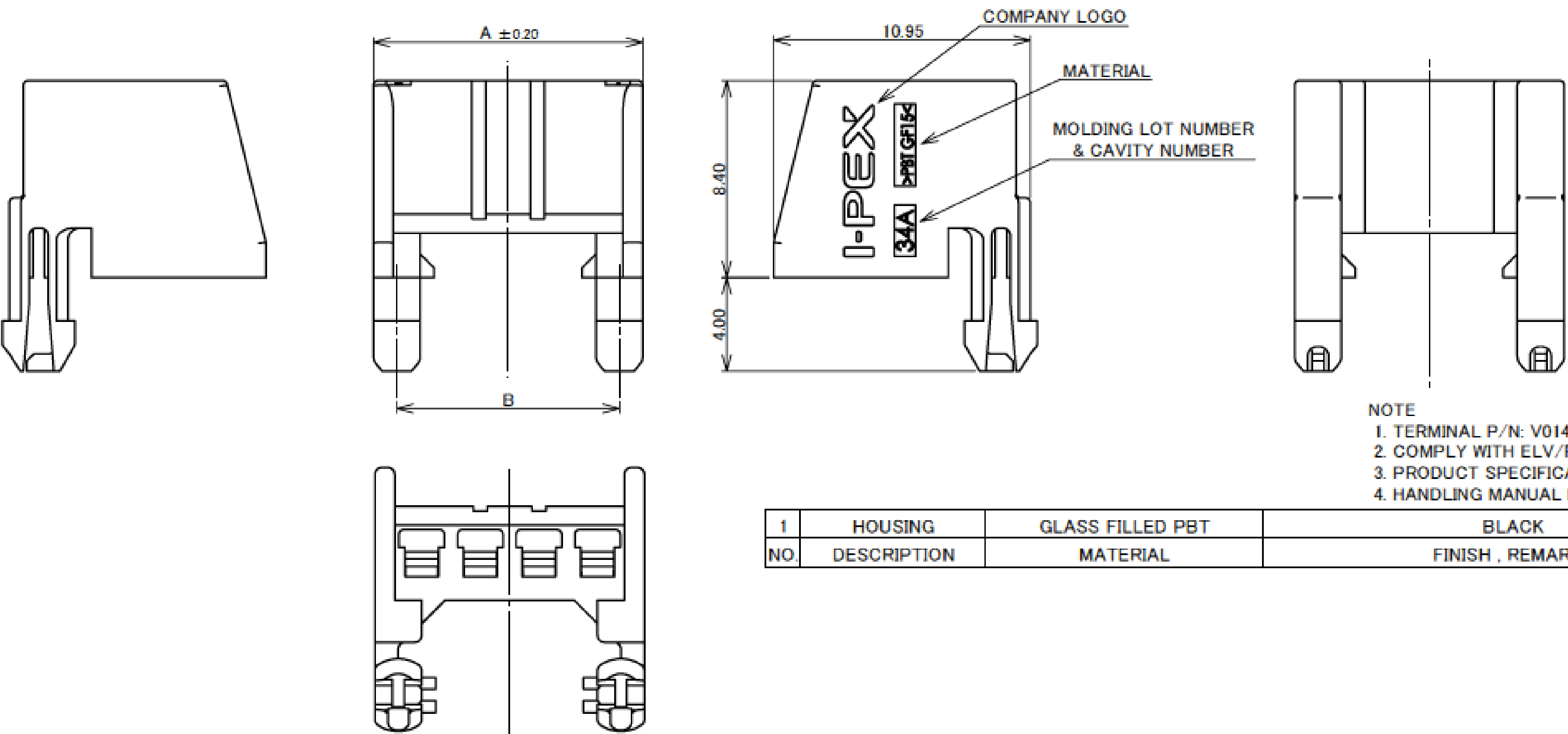
Component Parts Details

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

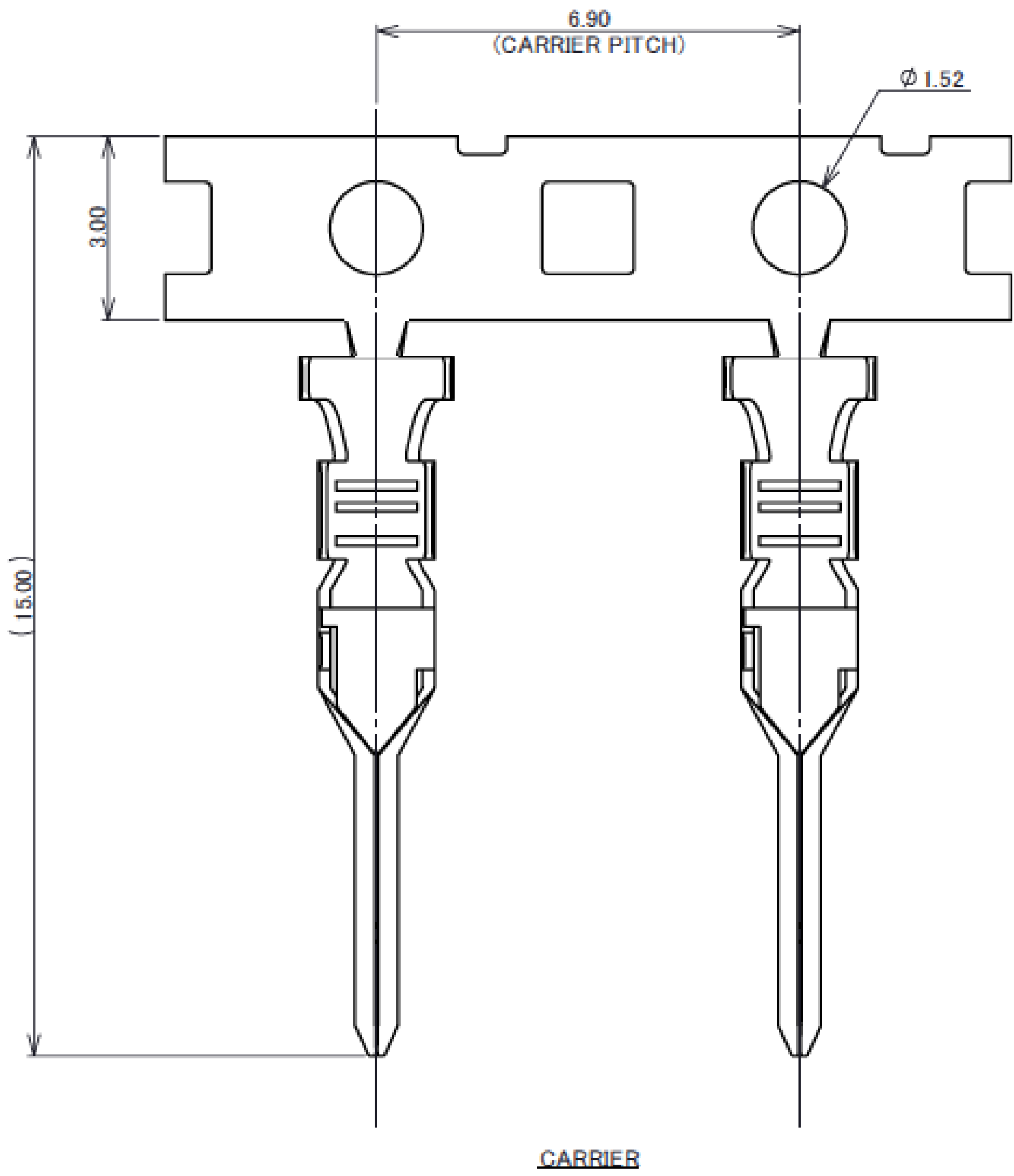
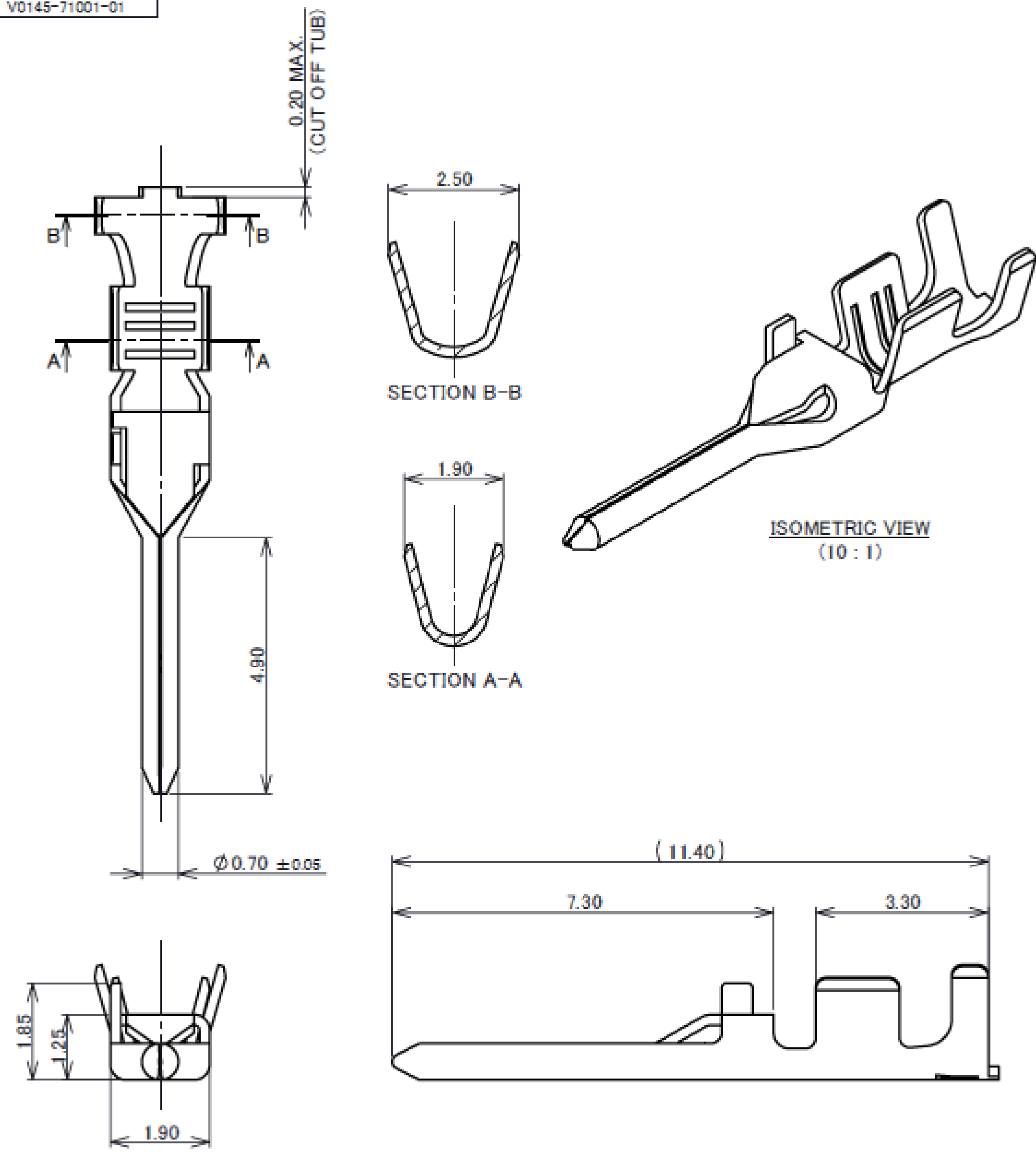


- NOTE
1. TERMINAL P/N: V0145-71001-01
 2. COMPLY WITH ELV/RoHS
 3. PRODUCT SPECIFICATION NO.: PSS-0041
 4. HANDLING MANUAL NO.: HDM-0035

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

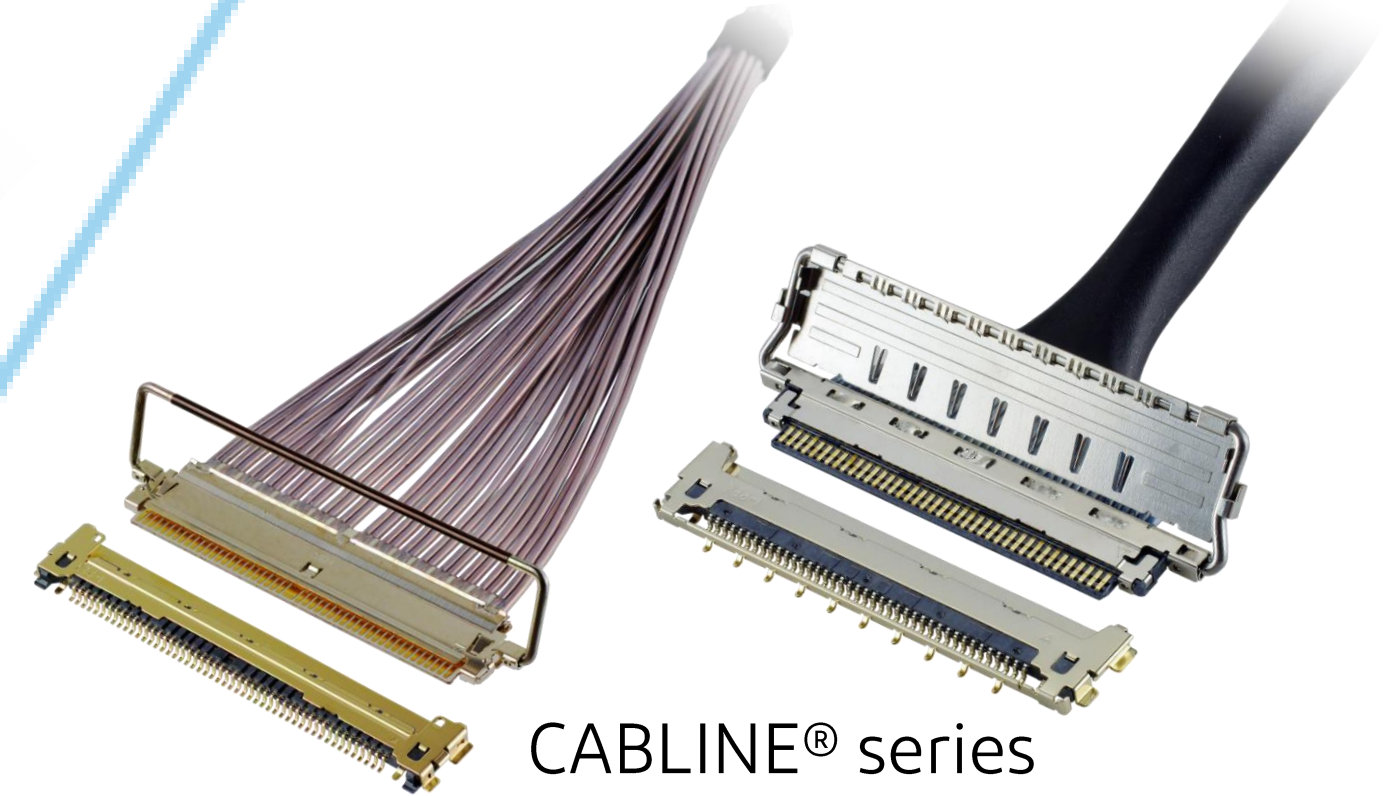
- NOTE
- 1. HOUSING P/N: V0145-9100N-01
 - 2. CABLE SIZE: 0.3 mm (FINISHED $\phi 1.67$ mm MAX.)
 - 3. COMPLY WITH ELV/RoHS
 - 4. PRODUCT SPECIFICATION NO.: PSS-0041
 - 5. HANDLING MANUAL NO.: HDM-0035

Rev.0

Custom Connectors Available

RF Connectors

MHF® series

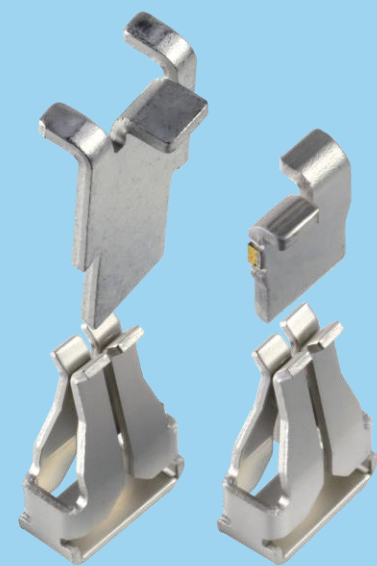


CABLINE® series
Micro-Coaxial/Twinax
Connectors

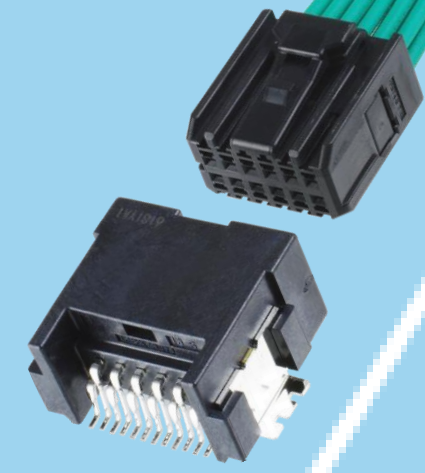


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



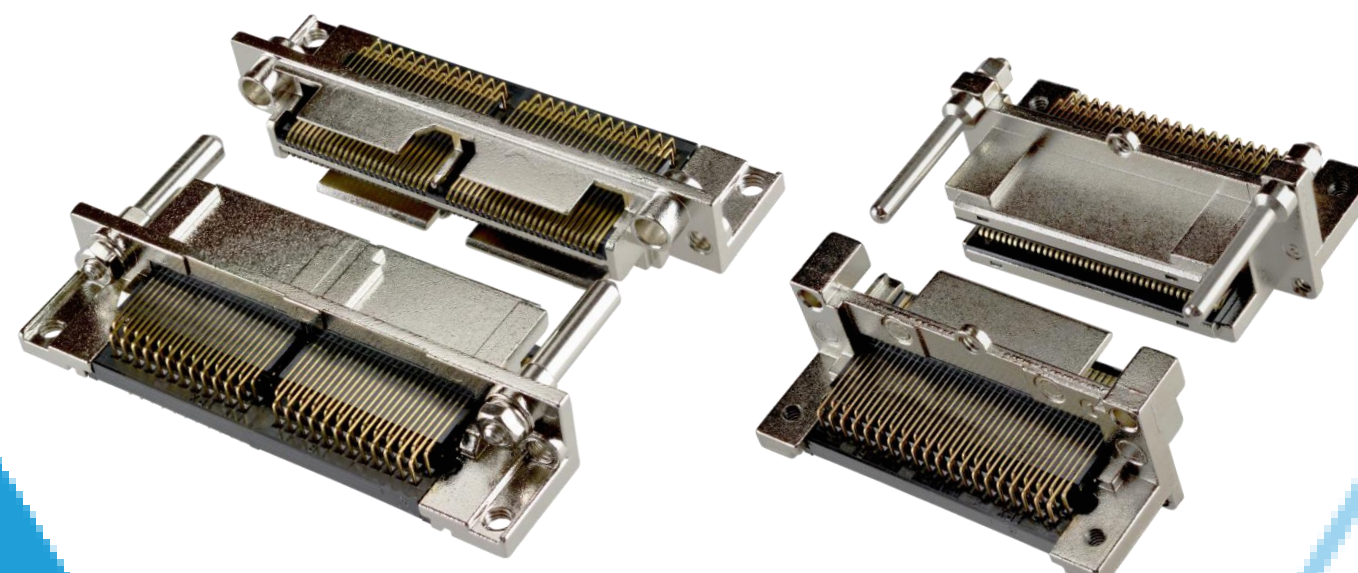
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



MINIDOCK™ series

MINIFLEX® series EVAFLEX® series



FPC/FFC
Connectors



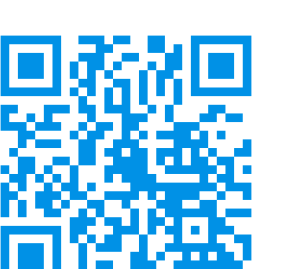
Inquiry



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