

IARPB® (Horizontal Type)

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

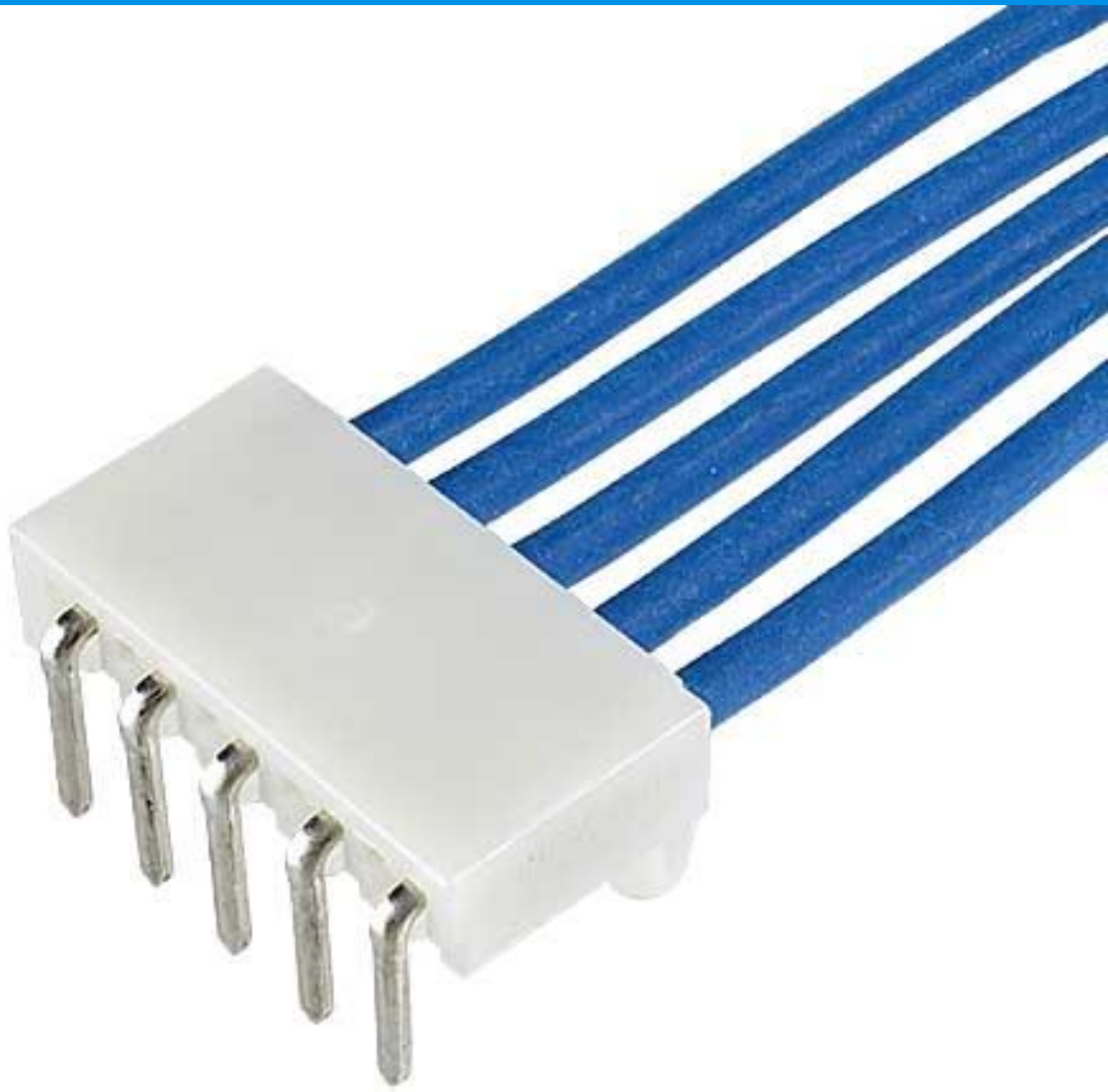
Product Specifications:

Pitch (mm max.)		2.5
Contact Size (mm)		ϕ0.7
Mounted Height (mm)		MAX 3.50 (2,3,4,5P) MAX 4.0 (6P)
Width formula (mm)		Single row: 1.2+2.5*?pin
Operating Temperature		-40 - 125°C
Vibration Resistance		10G
Current Rating		3A per pin
Voltage Rating		250V
Withstand Voltage		AC 1000V/minute
Plating		Sn
Housing		PBT GF15
Pin counts	Range	Up to 6
	Available	2, 3, 4, 5, 6

Applicable Cable Size:

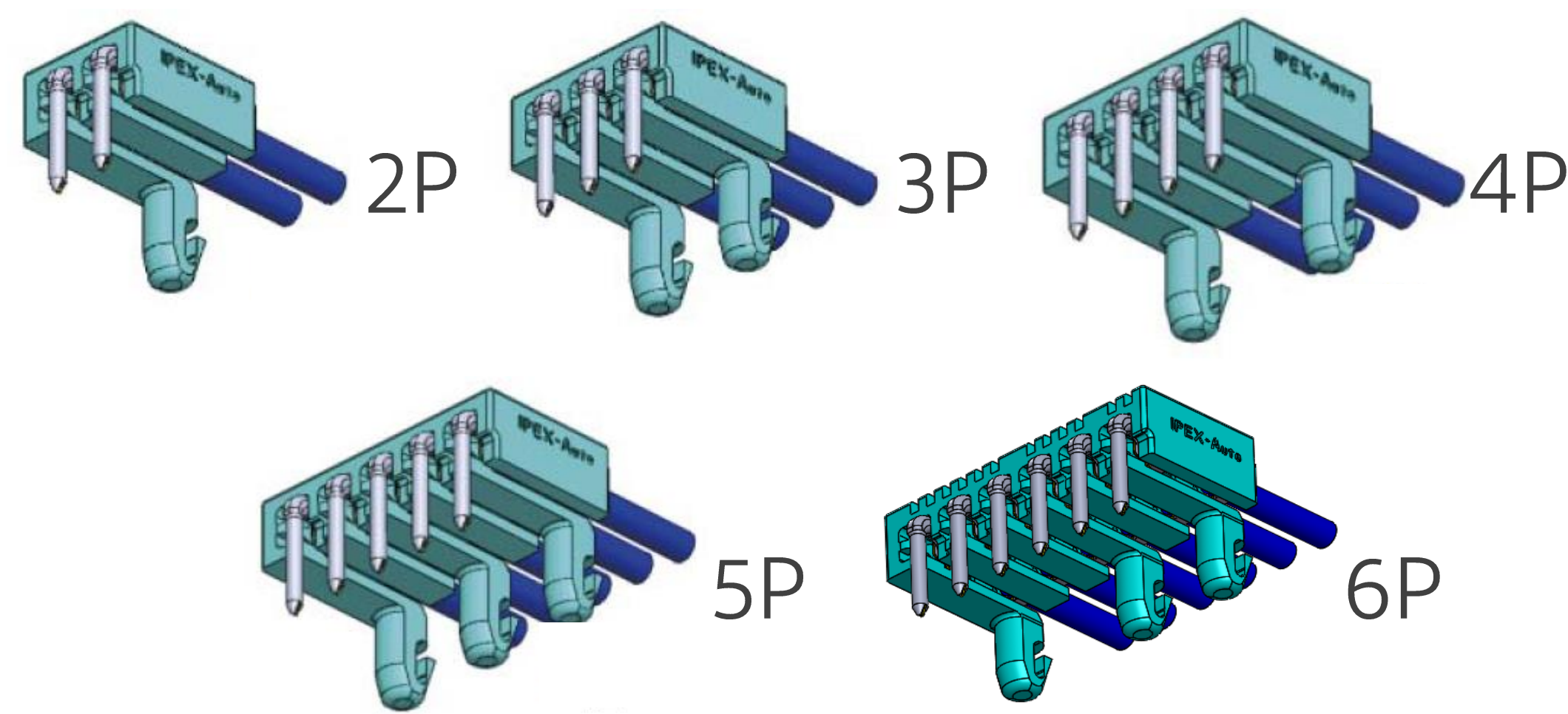
AWG#22 *Insulation Diameter 1.67 mm max.

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

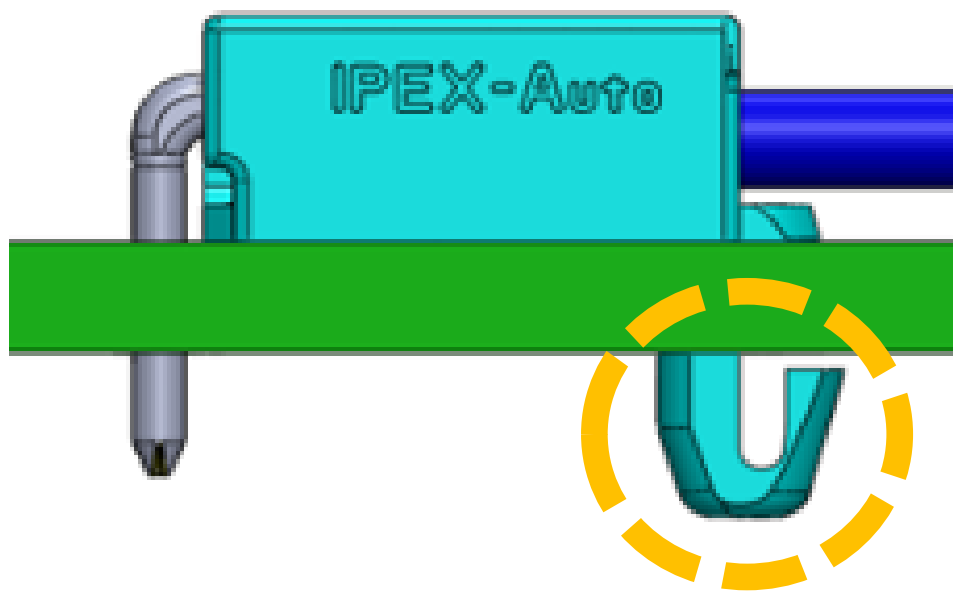


Retention post structure with housing for electrical stability in high vibration environments

Positioning boss on the housing enhances performance under vibration

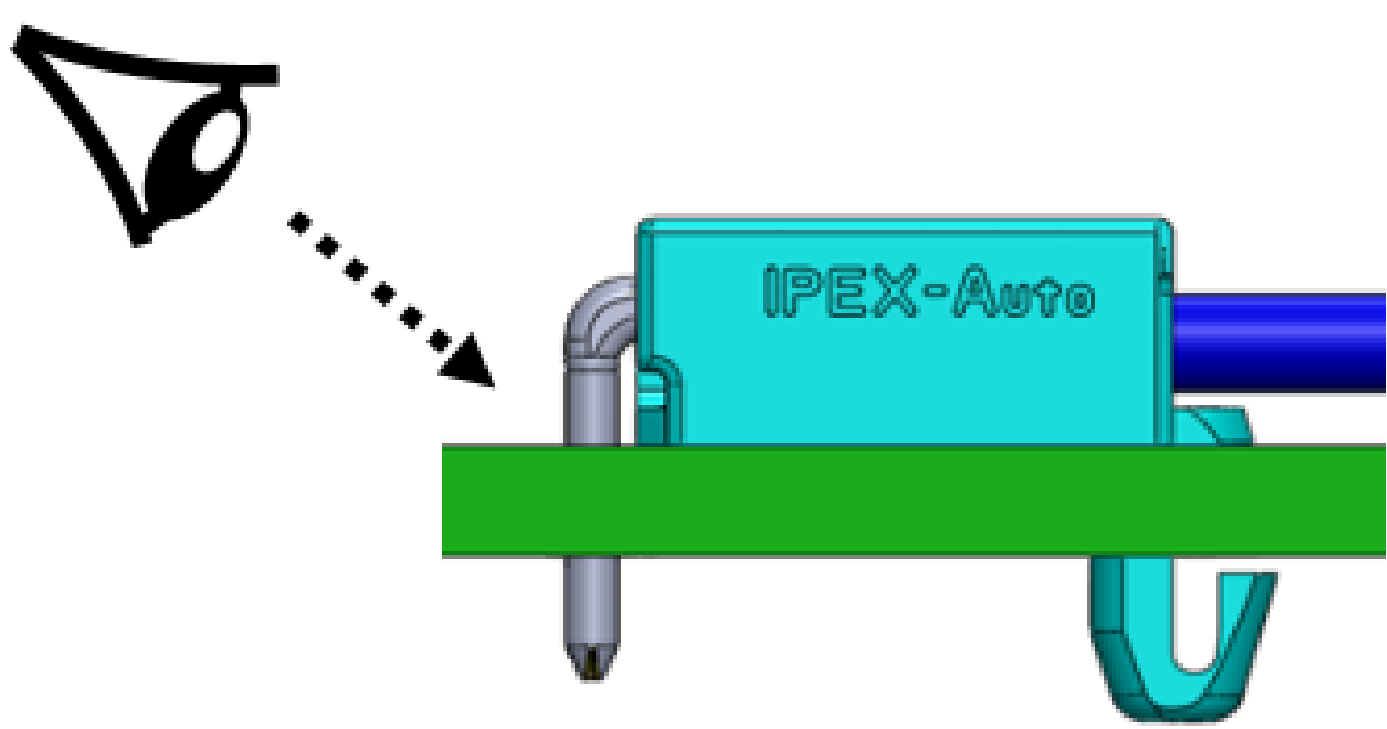


Positioning boss fixes housing in place and prevents stress to the terminal under vibration on the x-y-z axis



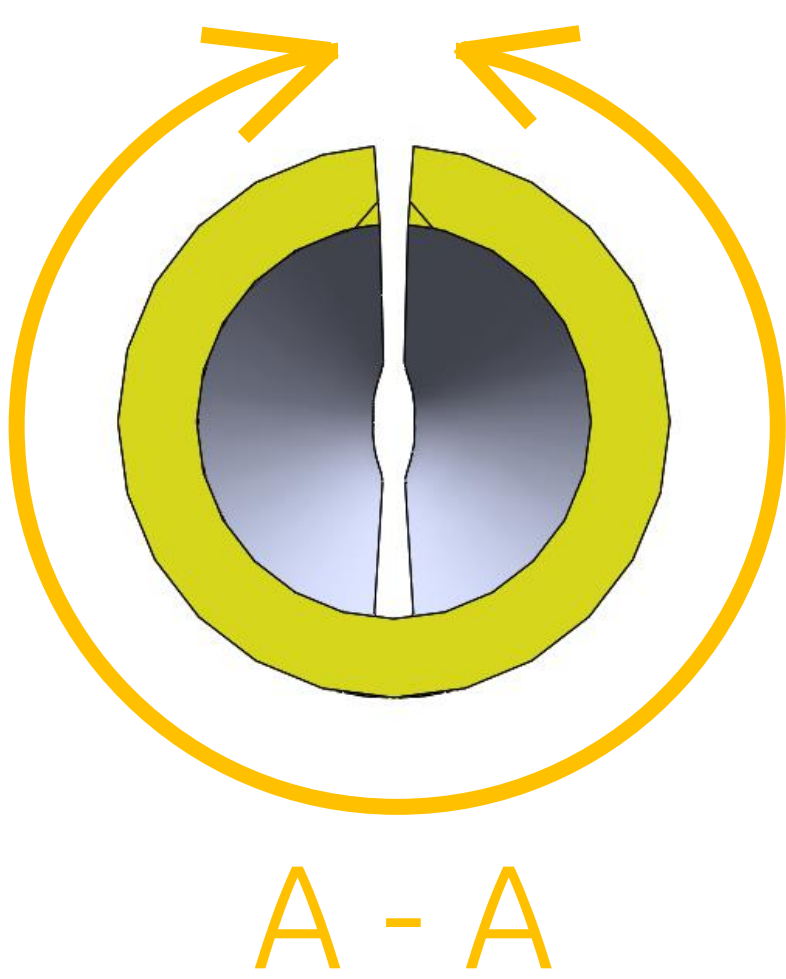
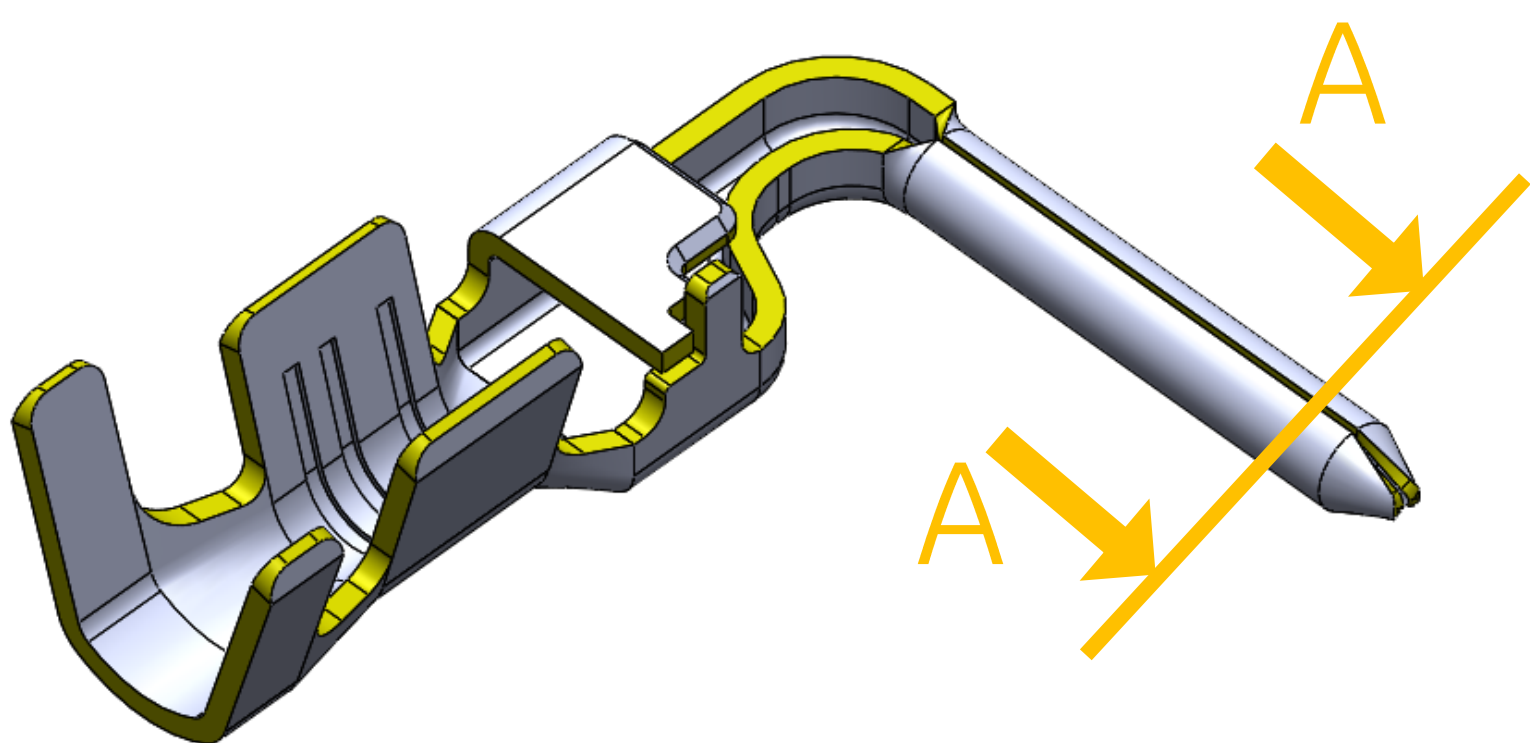
Simple design for easy inspection of solder connections

Risk of terminal deformation decreases as terminals are visible while mounting. Fillet is easier to check after soldering, which reduces the cost of inspection. Solderable from the top or bottom of the PCB.



Full-circled plating for stable solderability

Pre-plated terminal is bended for Sn plating covered circumference, allowing high solderability

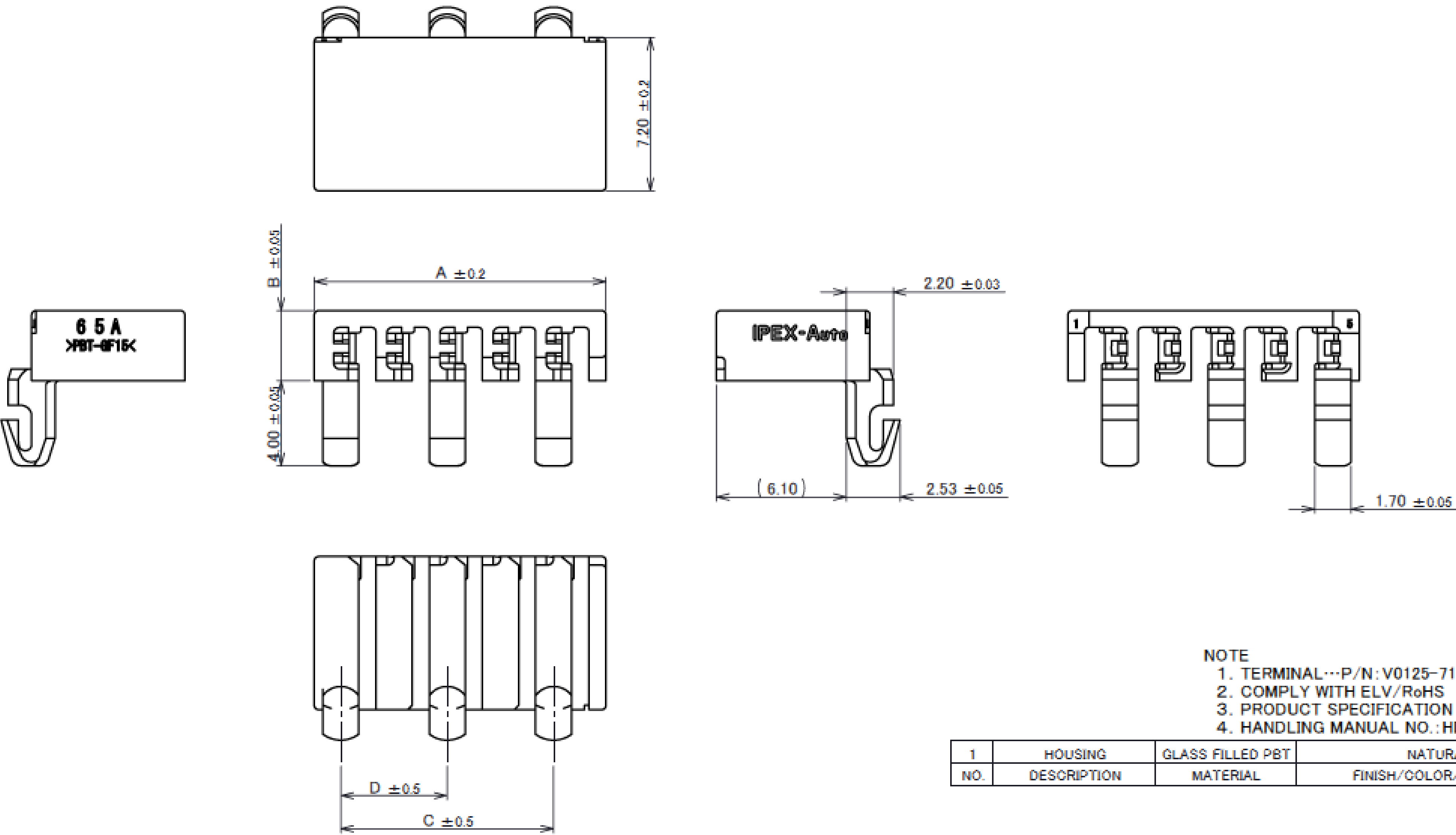


Sn plating

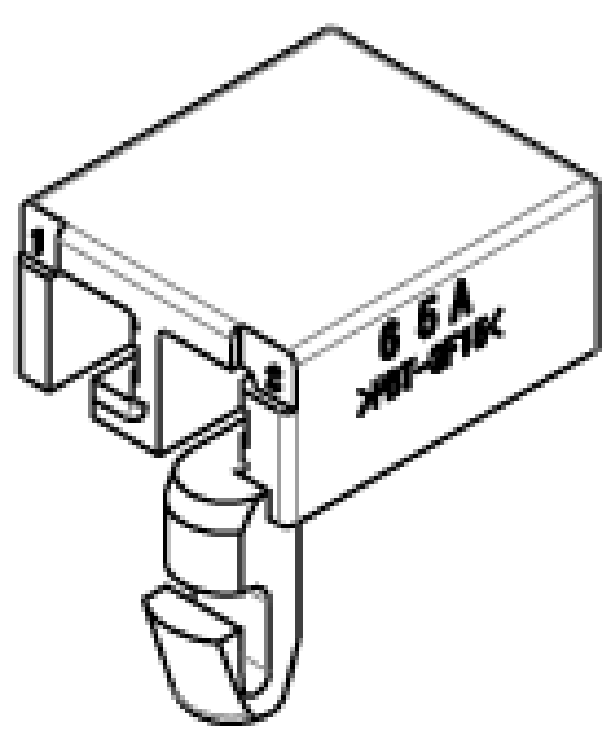
Component Parts Details

IARPB® CONNECTOR HOUSING:

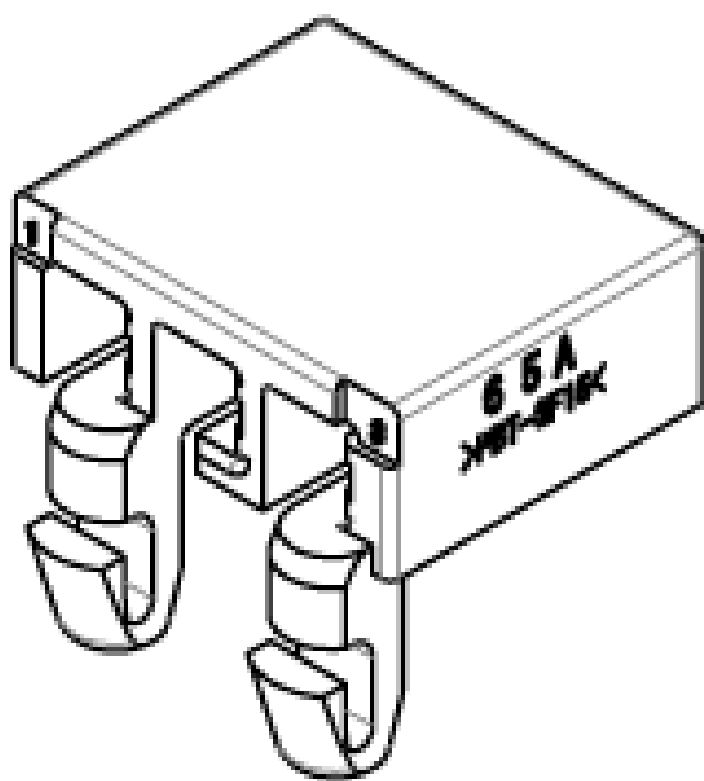
VARIATIONS	PARTS NO.	A	B	C	D
2P	V0125-91002-01	6.20	3.30	-	-
3P	V0125-91003-01	8.70	3.30	5.00	-
4P	V0125-91004-01	11.20	3.30	7.50	-
5P	V0125-91005-01	13.70	3.30	10.0	5.00
6P	V0125-91006-01	16.20	3.80	12.5	7.50



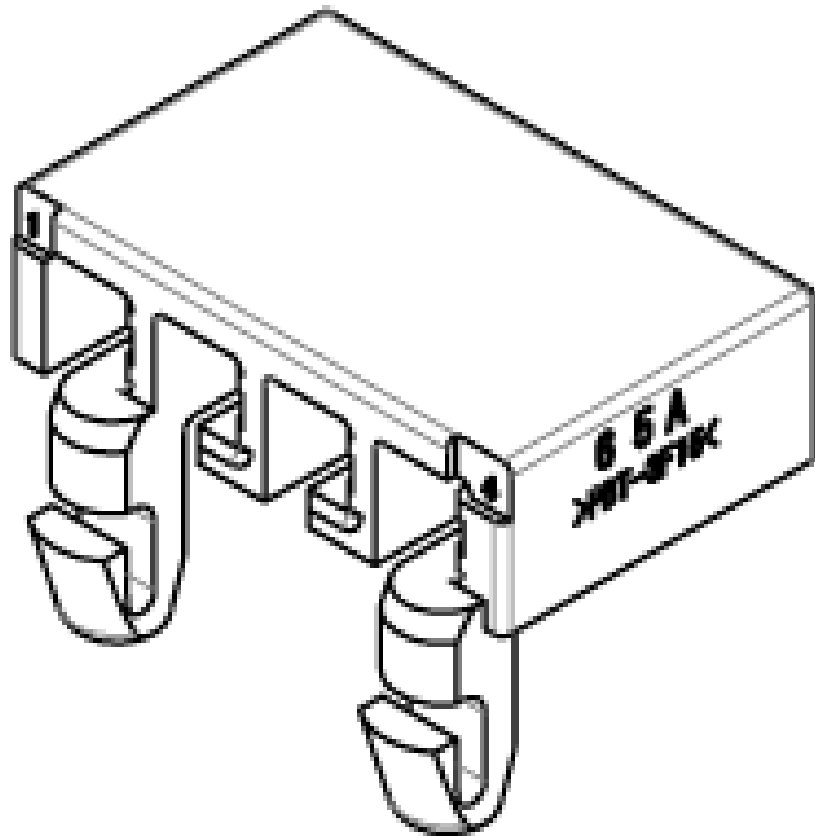
IARPB® CONNECTOR HOUSING:



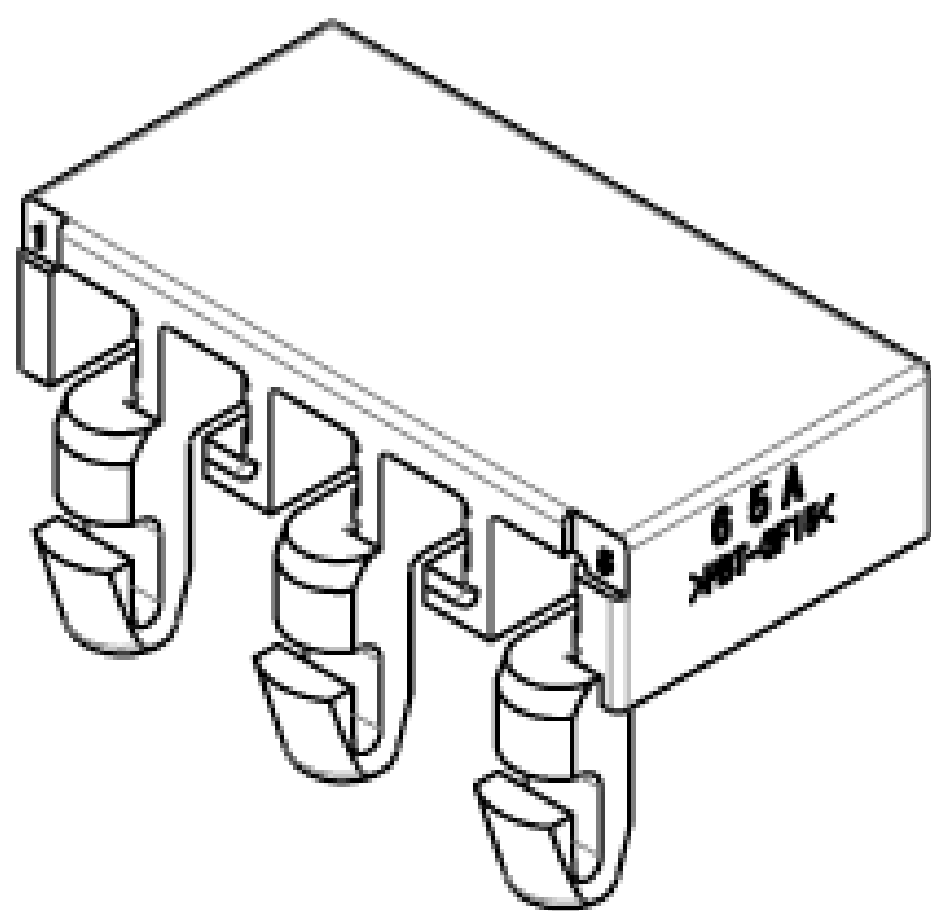
IARPB CONNECTOR 2P HOUSING
PARTS NO. V0125-91002-01



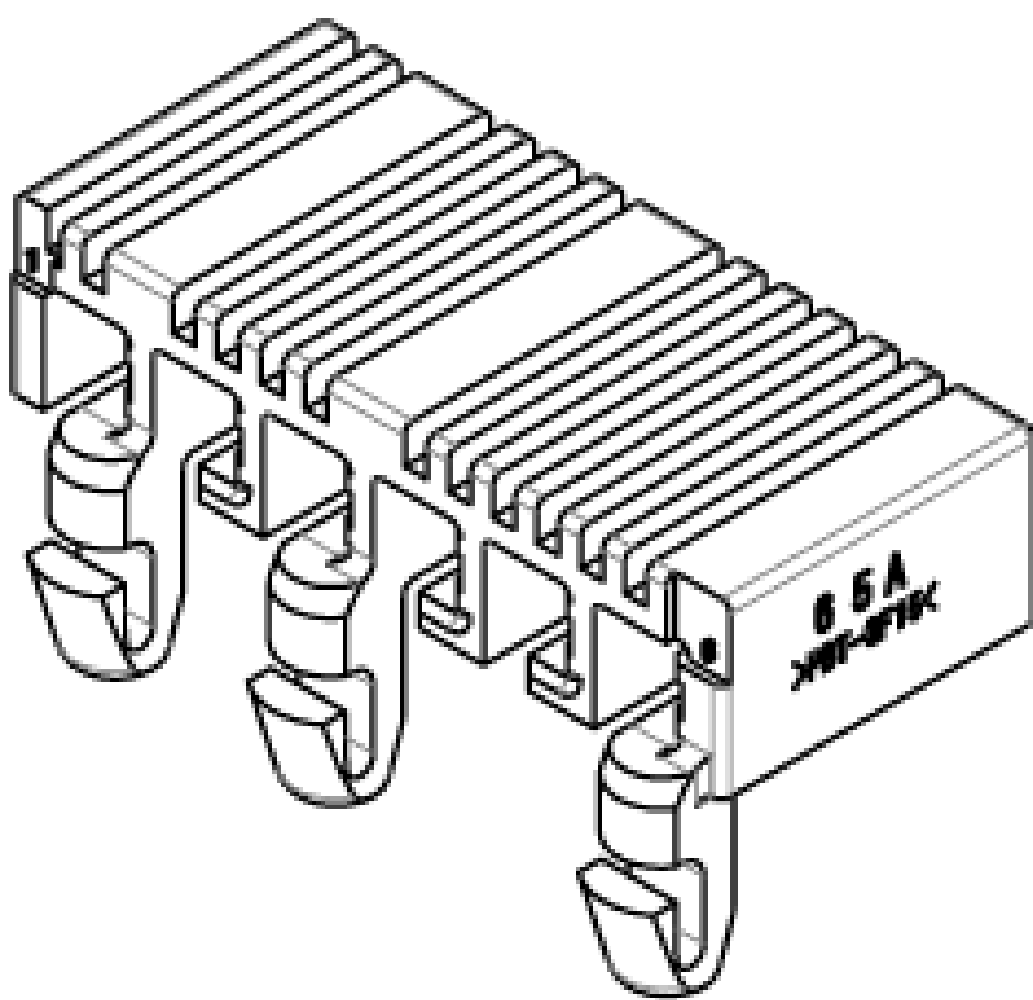
IARPB CONNECTOR 3P HOUSING
PARTS NO. V0125-91003-01



IARPB CONNECTOR 4P HOUSING
PARTS NO. V0125-91004-01



IARPB CONNECTOR 5P HOUSING
PARTS NO. V0125-91005-01

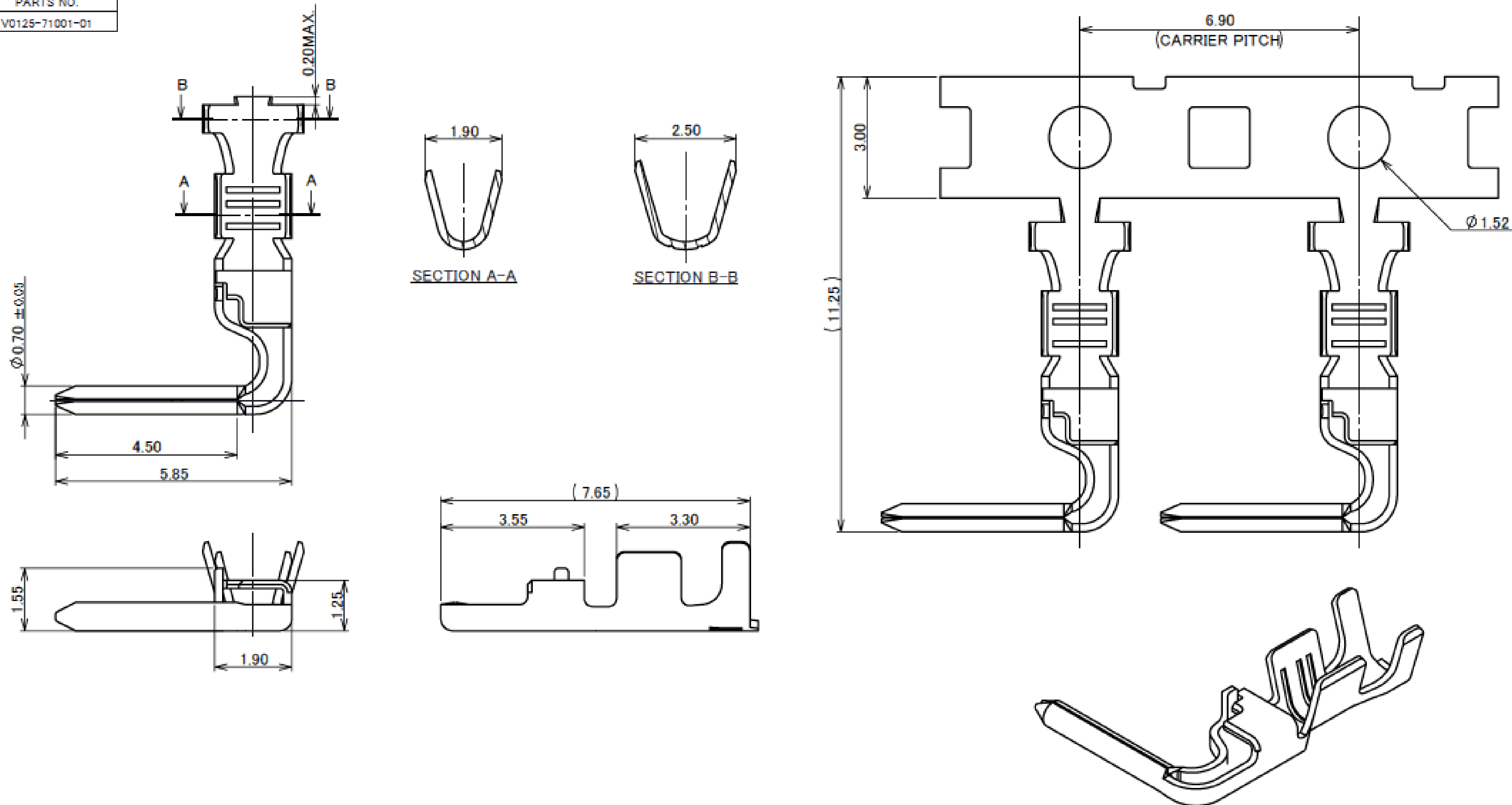


IARPB CONNECTOR 6P HOUSING
PARTS NO. V0125-91006-01

Rev.4

IARPB® CONNECTOR TERMINAL :

PARTS NO.
V0125-71001-01



- NOTE
- 1. HOUSING---P/N 2P: V0125-91002-01
3P: V0125-91003-01
4P: V0125-91004-01
5P: V0125-91005-01
6P: V0125-91006-01
 - 2. CABLE: 0.3mm (FINISHED $\varnothing 1.67$ mm MAX.)
 - 3. COMPLY WITH ELV/RoHS
 - 4. PRODUCT SPECIFICATION NO.: PSS-0037
 - 5. HANDLING MANUAL NO.: HDM-0025

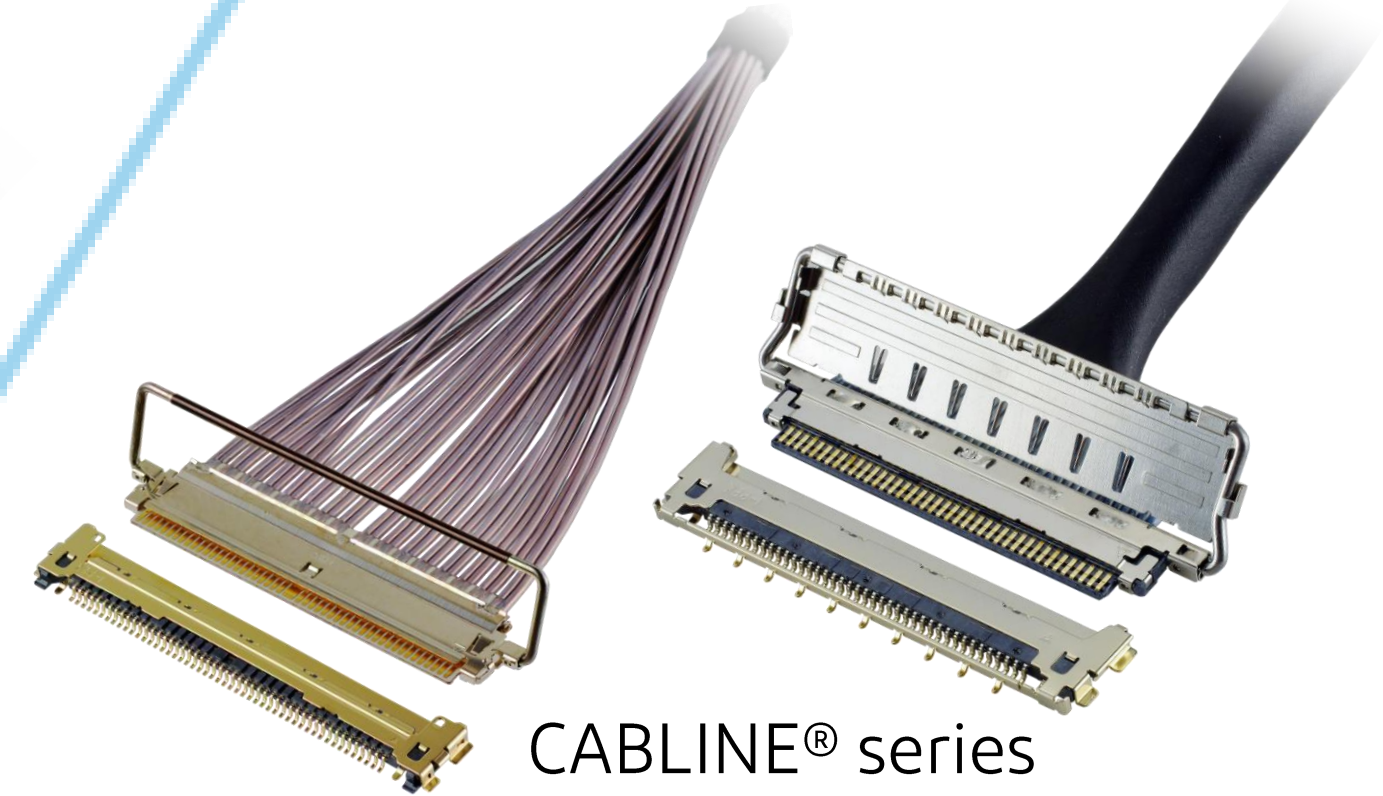
1	TERMINAL	BRASS	REFLOW Sn
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

Rev.4

Custom Connectors Available

RF Connectors

MHF® series

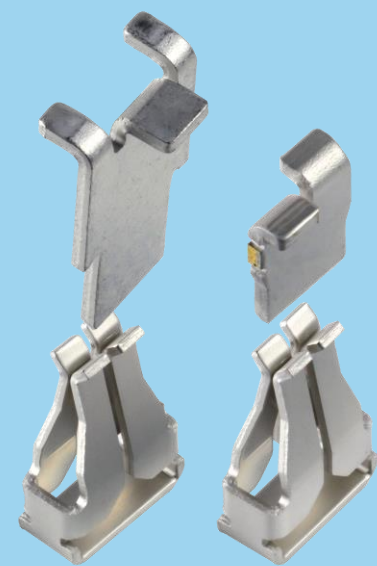


CABLIN® series Micro-Coaxial/Twinax Connectors

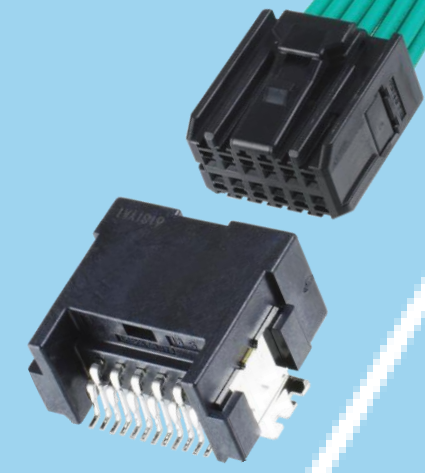


Wire-to-Board Connectors/ Terminals

AP series



ISH® series



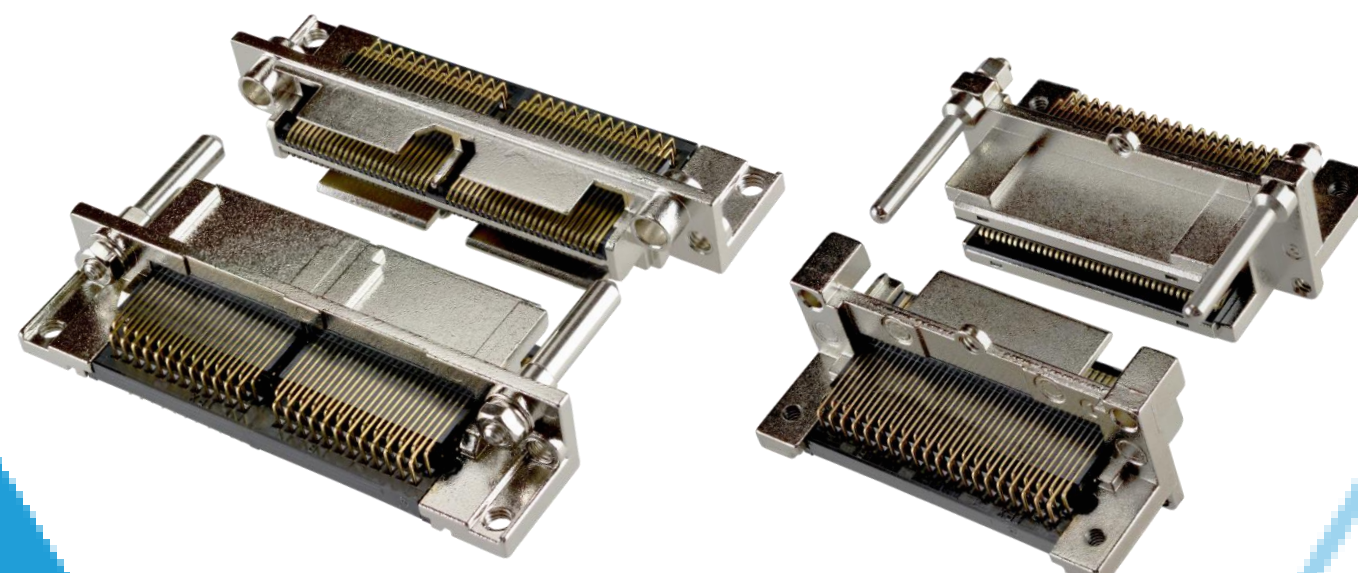
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors

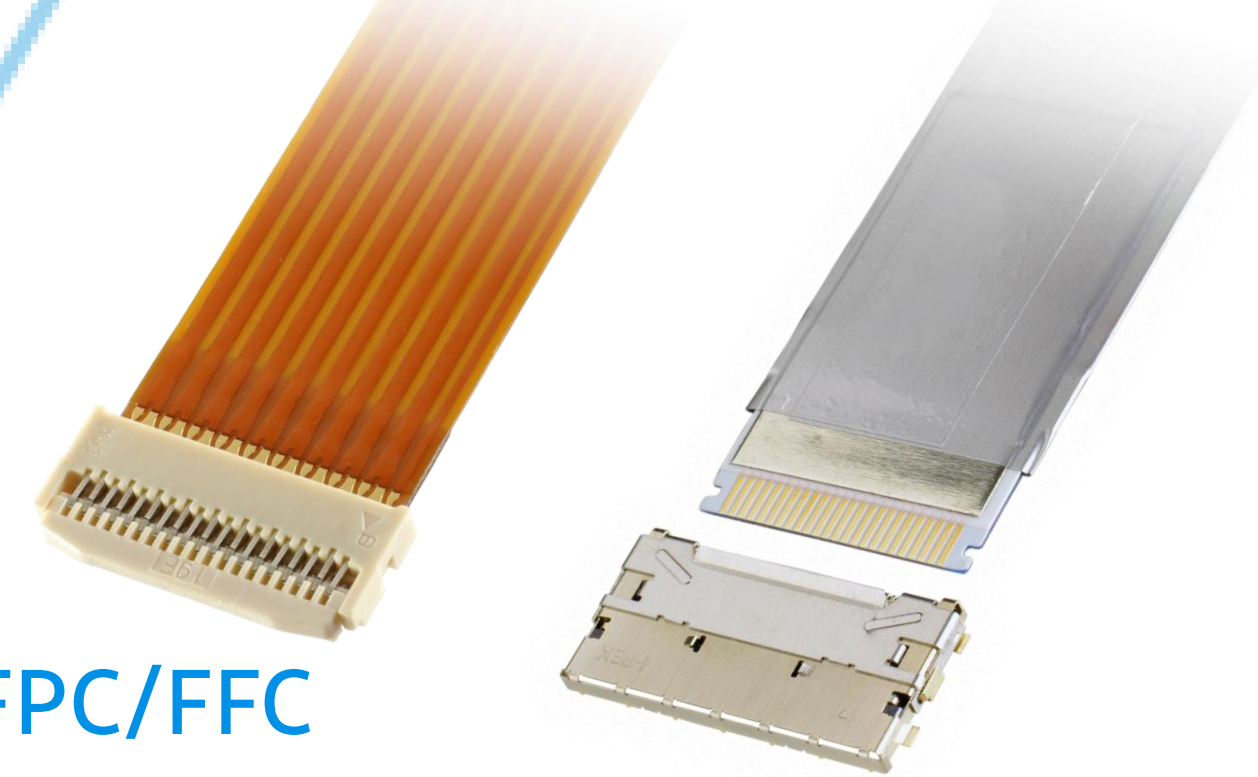


MINIDOCK™ series



FPC/FFC Connectors

MINIFLEX® series EVAFLEX® series



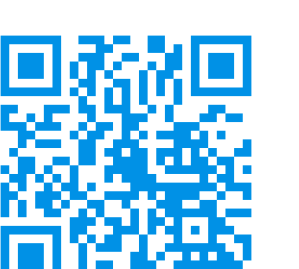
Inquiry



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