

- ✓ Retention post structure with housing for electrical stability in high vibration environments
- ✓ Simple design for easy inspection of solder connections
- ✓ Full-circled plating for stable solderability

Pin counts:

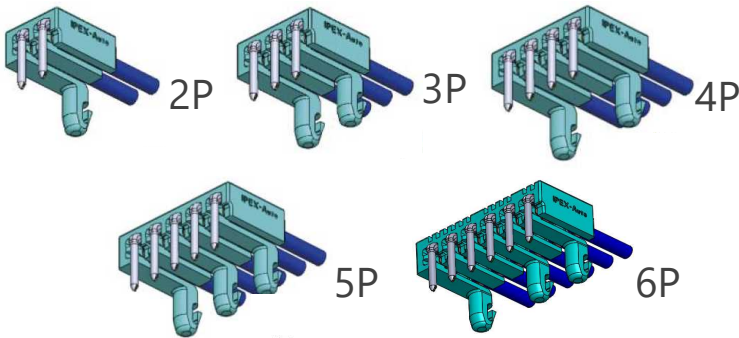
Range	Up to 6
Available	2, 3, 4, 5, 6

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

Pitch(mm)	2.5
Pin size(mm)	Φ0.7
Height (mm)	3.30 (2,3,4,5P) 3.80 (6P)
Width formula(mm)	Single row: 1.2+2.5*?pin
Operating temperature	-40 - 105°C
Insulation Resistance	100,000Mohm min.
Vibration resistance	10G
Current rating	3A per pin
Voltage rating	250V
Withstand Voltage	AC 1000V/minute
Plating	Sn
Housing	PBT GF15
Applicable cable	AWG#22 *Insulation Diameter 1.67mm max.
Evaluation	Several OEM specs

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

Positioning boss on the housing enhances performance under vibration

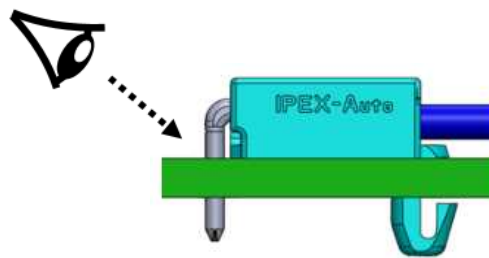


Positioning boss fixes housing in place and prevents stress to the terminal under vibration on the x-y-z axis



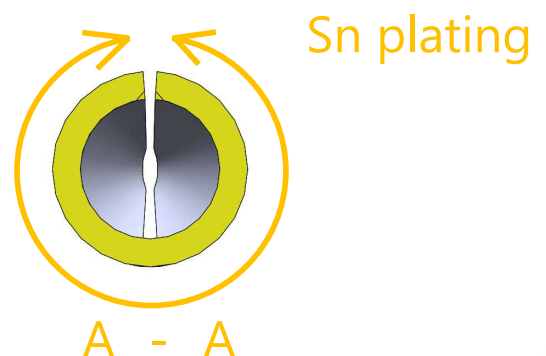
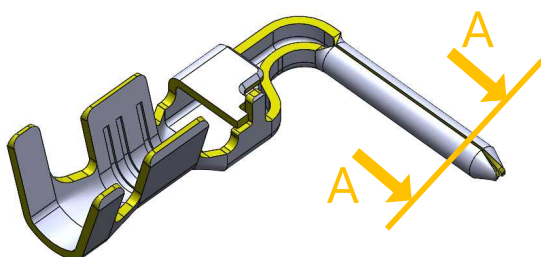
Simple design for easy inspection of solder connections

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



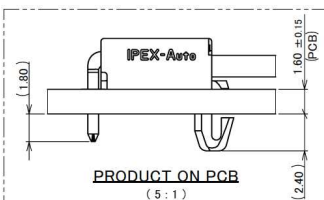
IARPB[®]

Component Parts Detail

IARPB[®] CONNECTOR ASS'Y :

VARIATIONS	SET PARTS NO.
2P	V0039-002B-Z01
3P	V0039-003B-Z01
4P	V0039-004B-Z01
5P	V0039-005B-Z01

VARIATIONS	2P	3P	4P	5P
DIMENSION				
MARK				
RECOMMENDED PCB PATTERN (PRODUCT SIDE)				



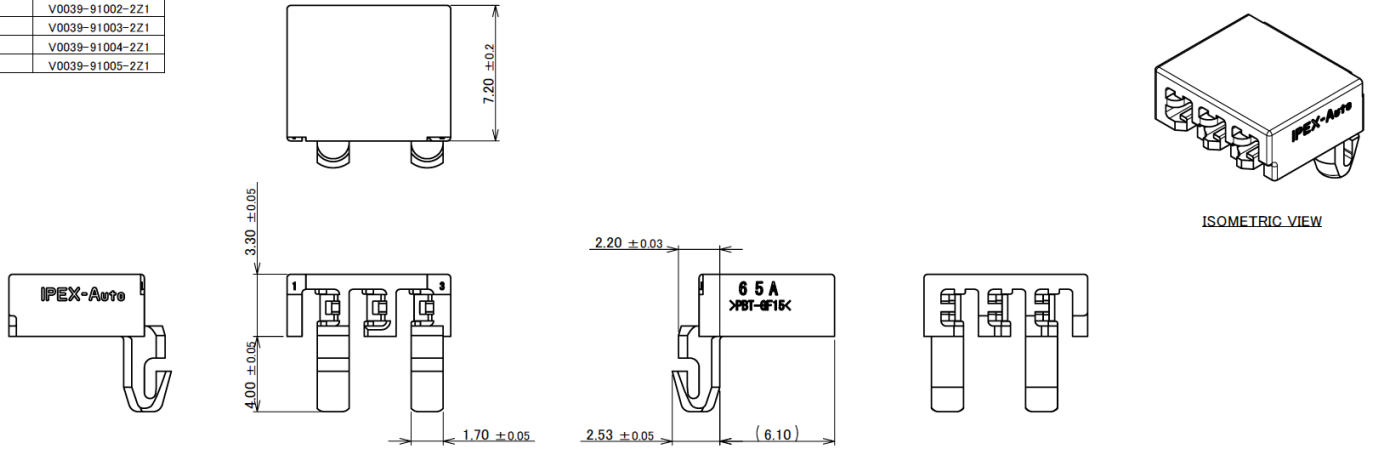
- NOTE
1. CABLE: 0.3mm ϕ (FINISHED ϕ 1.67mm MAX.)
 2. COMPLY WITH ELV/RoHS
 3. PRODUCT SPECIFICATION NO.: PSS-0015
 4. HANDLING MANUAL NO.: HDM-0005

NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS
5	5P HOUSING	GLASS FILLED PBT	NATURAL
4	4P HOUSING	GLASS FILLED PBT	NATURAL
3	3P HOUSING	GLASS FILLED PBT	NATURAL
2	2P HOUSING	GLASS FILLED PBT	NATURAL
1	TERMINAL	BRASS	REFLOW Sn

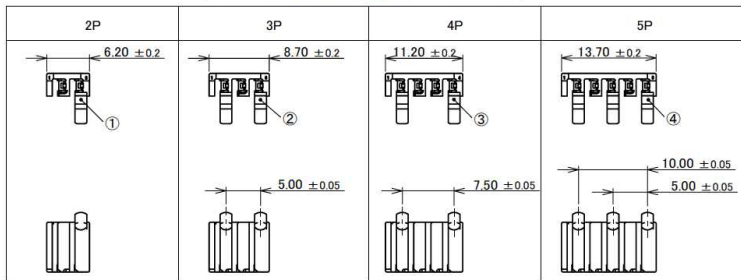
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IARPB® CONNECTOR HOUSING :

VARIATIONS	PARTS NO.
2P	V0039-91002-2Z1
3P	V0039-91003-2Z1
4P	V0039-91004-2Z1
5P	V0039-91005-2Z1



2~5P HOUSING DIMENSION (2 : 1)



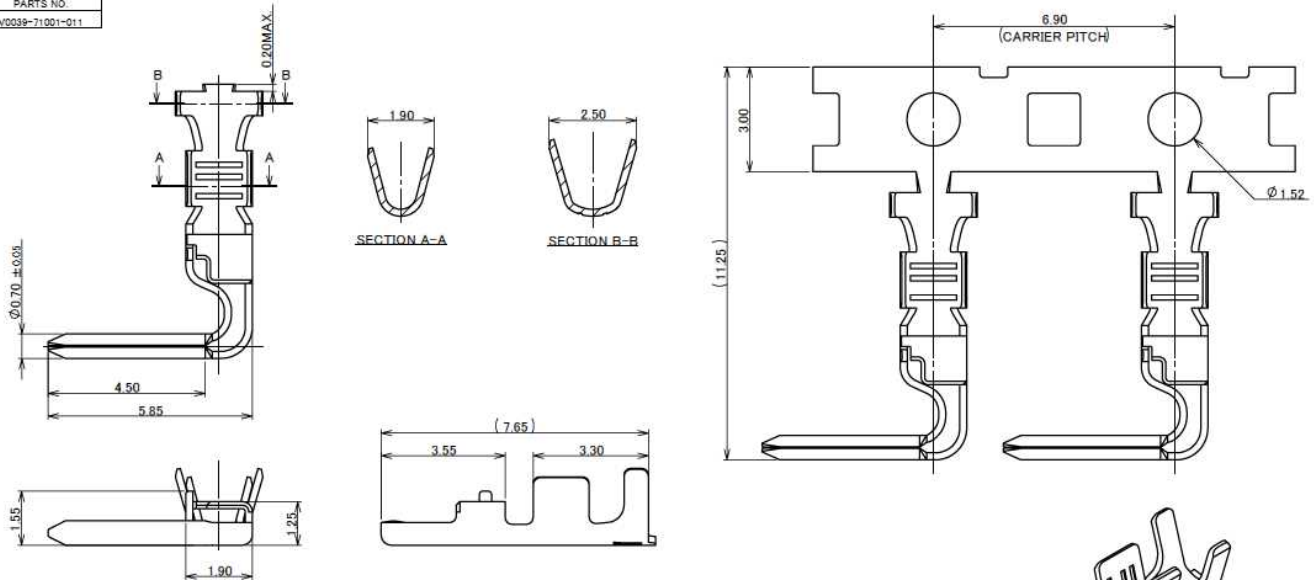
- NOTE
1. TERMINAL...P/N: V0039-71001-011
 2. COMPLY WITH ELV/RoHS
 3. PRODUCT SPECIFICATION NO.: PSS-0015
 4. HANDLING MANUAL NO.: HDM-0005

NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS
4	5P HOUSING	GLASS FILLED PBT	NATURAL
3	4P HOUSING	GLASS FILLED PBT	NATURAL
2	3P HOUSING	GLASS FILLED PBT	NATURAL
1	2P HOUSING	GLASS FILLED PBT	NATURAL

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IARPB® CONNECTOR TERMINAL :

PARTS NO.
V0039-71001-911



- NOTE
1. HOUSING...P/N: V0039-91002-2Z1
: V0039-91003-2Z1
: V0039-91004-2Z1
: V0039-91005-2Z1
 2. CABLE: 0.3mm² (FINISHED Φ 1.67mm MAX.)
 3. COMPLY WITH ELV/RoHS
 4. PRODUCT SPECIFICATION NO.: PSS-0015
 5. HANDLING MANUAL NO.: HDM-0005

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

ISOMETRIC VIEW
(10 : 1)

Rev. 3



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