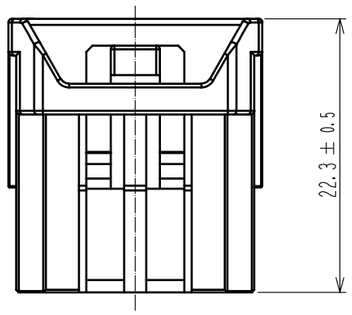
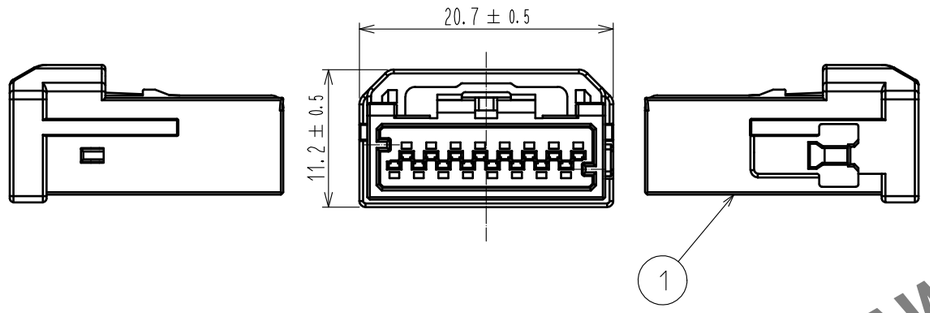
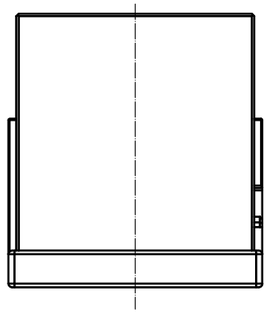
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ELV. RoHS COMPLIANT







NOTE1. RETAINER ZH05-16DP-R (CL756-2215-0-00) SHOULD BE USED

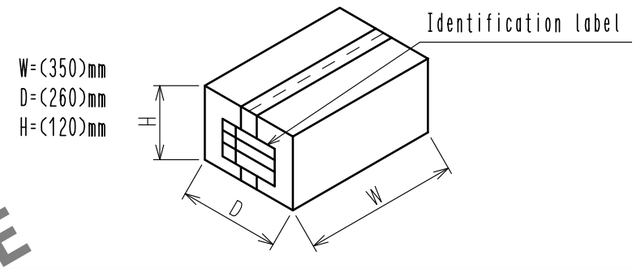
HRS DRAWING FOR REFERENCE

1. PACKAGING SPECIFICATION

(1) 100pcs parts are contained in a plastic bag.

(2) 5 plastic bags are contained in a carton. (Total 500 pcs in one carton)

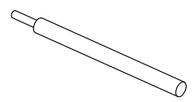
(3) Close the box and seal with packing tape.



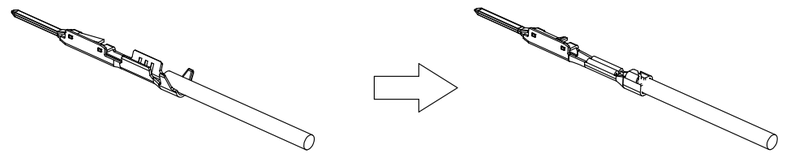
2. ASSEMBLY PROCESS

①Strip the cable

Note: Please refer to the Crimp Quality Standard for details on strip length.



②Crimp wire in terminal



NOTE 1: Please use the Hirose crimp tool.
NOTE 2: Please refer to the Crimp Quality Standard to confirm terminal compatibility and check crimp condition.

Continued on the following page

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
1	PA	DARK GRAY UL94V-0			

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	0				

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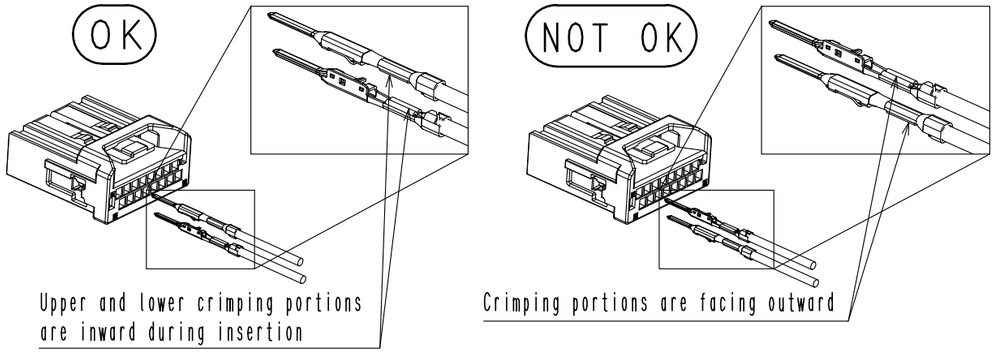
APPROVED	AH. EDASHIGE	20230111
CHECKED	TY. MOGI	20230111
DESIGNED	AN. SAIKI	20230110
DRAWN	AN. SAIKI	20221215

DRAWING NO.	EDC-390118-00-01
PART NO.	ZH05-16DP-HU(B)
CODE NO.	CL0756-2207-0-00

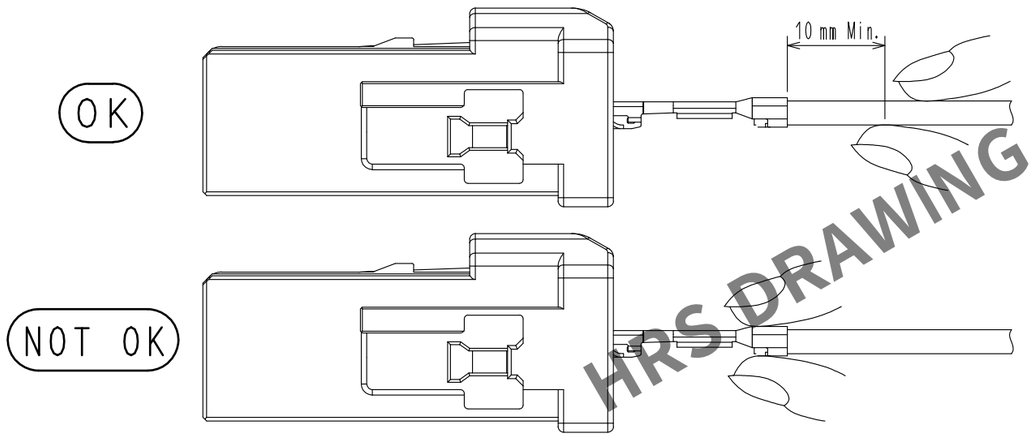
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HRS DRAWING FOR REFERENCE

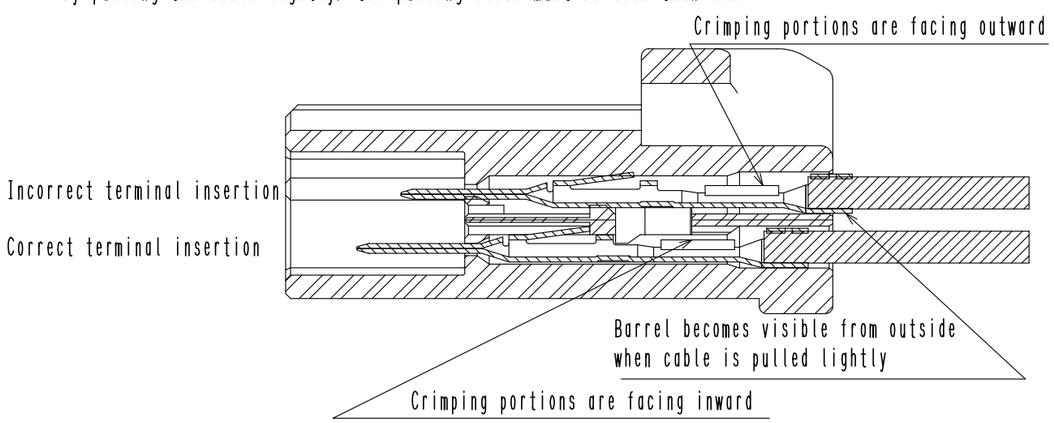
③Insert contact and push until a click is heard.
※Please take care to ensure that the terminal is inserted in the correct orientation.



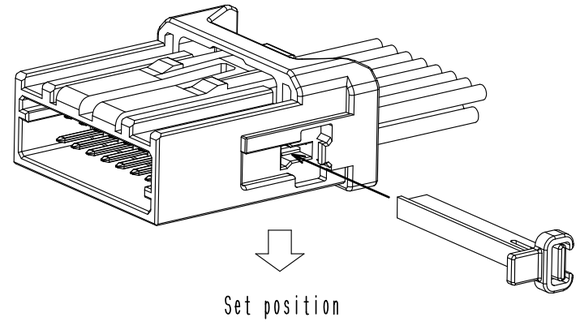
NOTE 1: Holding the cable, please insert straight into the housing.
Do not use more than 10N of force during this process.
NOTE 2: If the crimped terminal does not enter the housing smoothly the first time, remove it and then re-insert.
※Please hold the cable as below picture and insert it with a force less than 10 N, or terminal will be deformed. Please use a new terminal in this case.



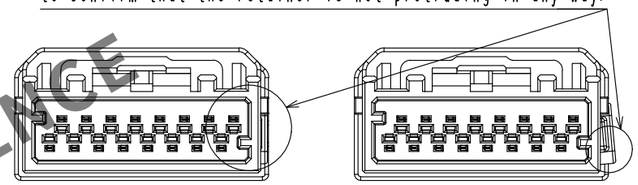
④After insertion, confirm that the terminal has been inserted correctly by pulling the cable lightly, the pulling force must be less than 10N.

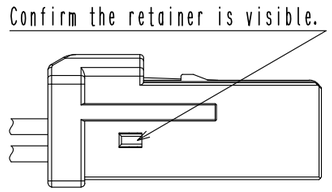


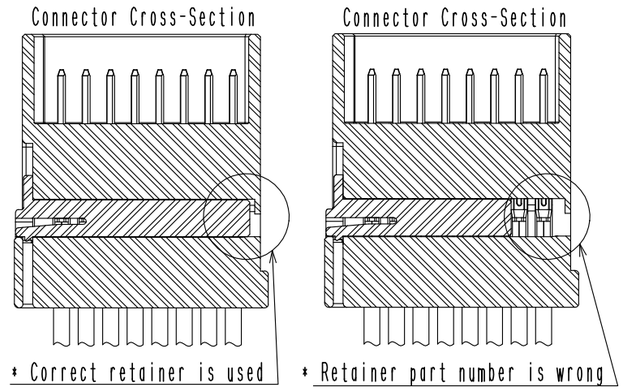
⑤Press retainer into housing until it clicks in the direction of the arrow.



After setting the retainer, please inspect the housing head-on to confirm that the retainer is not protruding in any way.







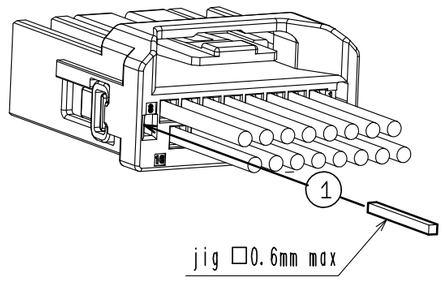
DRAWING NO.	EDC-390118-00-01
PART NO.	ZH05-16DP-HU(B)
CODE NO.	CL0756-2207-0-00

△0 2/4

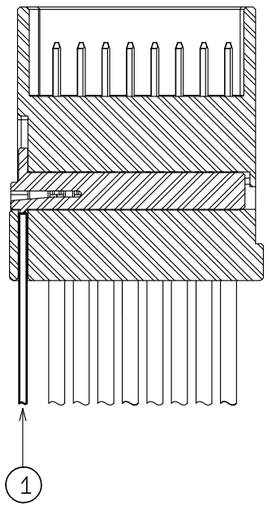
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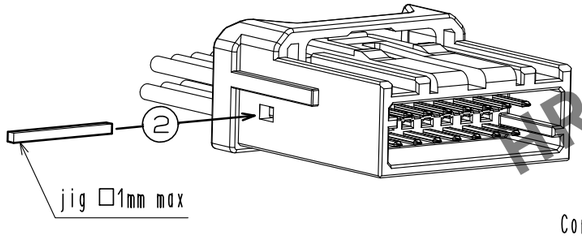
3. REPAIR PROCESS

①Insert the special tool in direction ① and push down the lance,
and remove the retainer from direction ②.
Note: Please refer to the following section for details on the special tool.

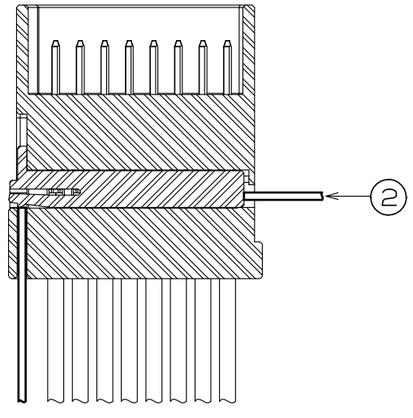


Connector Cross-Section

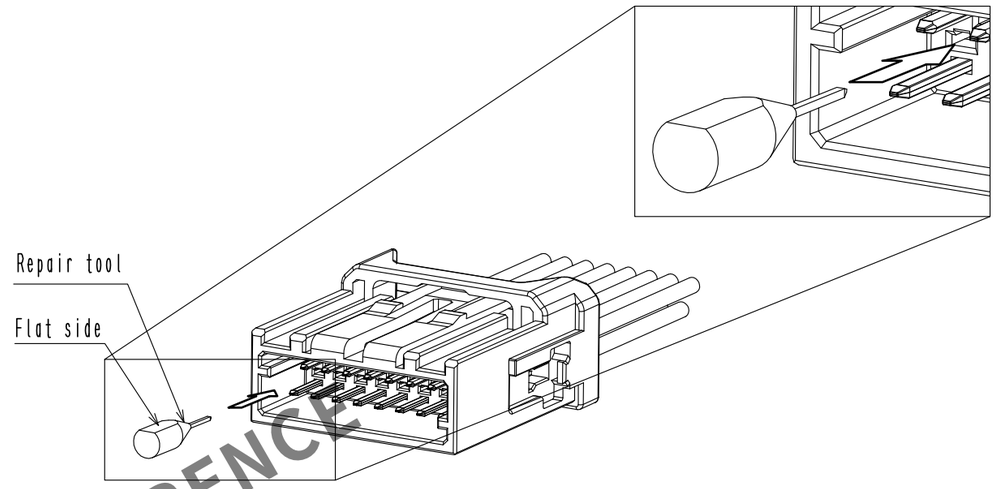




Connector Cross-Section

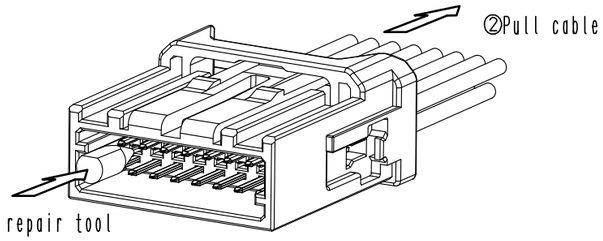


②Insert the special tool into the terminal cavity and push to the end
with the tool flat side up as below picture.
Maintain this position and pull the applicable cable carefully to remove the terminal.
Note: Please refer to the following section for details on the special tool.



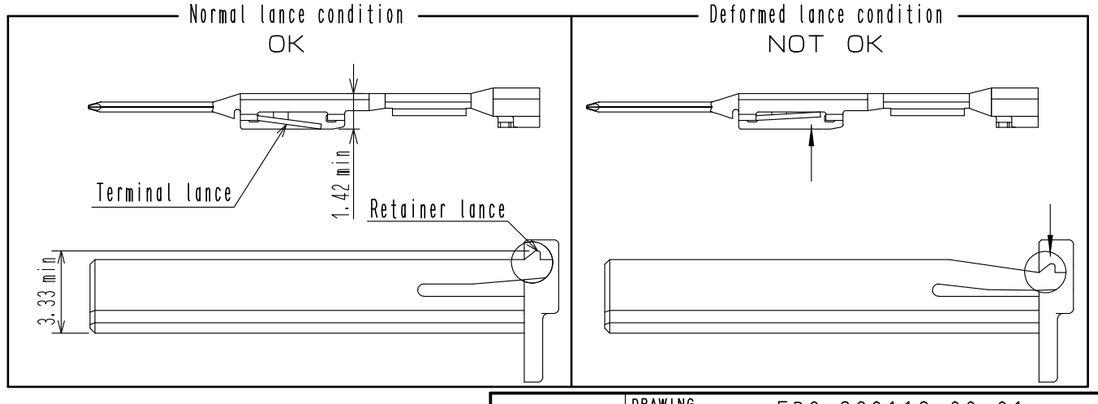
*Recommend to operate under proper illumintion to enhance workability

Condition at inserted repair tool



Note: Housing is not reusable. Please use new parts after repairing.

Note: In case the terminal lance and/or retainer lance has been deformed, please use new parts.



HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-390118-00-01
	PART NO.	ZH05-16DP-HU(B)
	CODE NO.	CL0756-2207-0-00

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4. Other / Notes

1) Do not touch the terminal contact points or the interior of the barrel.
2) In the event that the terminal must be handled, please wear gloves in order to prevent corrosion.
3) Placing items on top of a terminal or dropping a terminal may result in shape deformities or contamination. Please handle terminals with care.
4) In the event of terminals becoming tangled, please do not forcibly pull or bend them apart, but disentangle them carefully.
5) Use caution when handling terminals so as to avoid deformation.
6) Make sure that the terminals of crimped cables do not become entangled. When bundling or stacking cables, please prevent the terminals from being subjected to any external force.
7) Use caution to ensure that the part is not subjected to any large impacts.
8) Avoid storing in dusty areas.
9) Do not place wire harnesses on the floor.
10) Refrain from any handling that may result in terminal damage or deformation.
11) Do not use if the housing is dropped.

Repair tool summary

Retainer repair tools - Part Number Summary

Applicable Part	Repair Tool Name	Repair Tool Part Number
ZH05-##DP-HU(##)	ZH05/R/RE-MD	902-5162-0

(##) =specification number

Crimp Terminal crimping tool - Part Number Summary

Applicable Part	Connection Tool Name		Connection Tool Part Number
ZH05-2224PCF(##)	applicator	AP105-ZH05-2224P	901-5253-0

(##) =specification number

Crimp Terminal repair Tool - Part Number Summary

Applicable Part	Repair Tool Name	Repair Tool Part Number
ZH05-2224PCF(##)	ZH05/RE-MD	902-5161-0

(##) =specification number

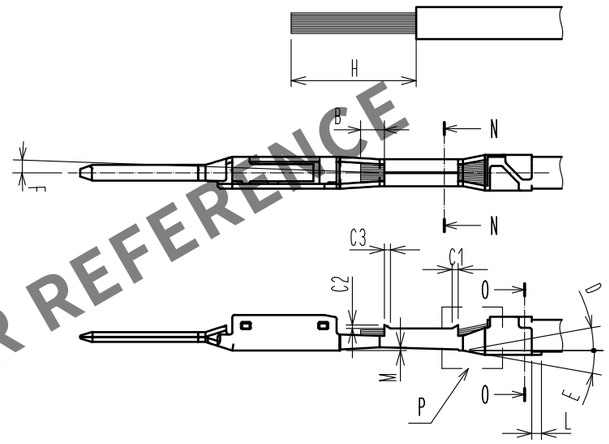
HRS DRAWING FOR REFERENCE

5. CRIMP QUALITY STANDARD

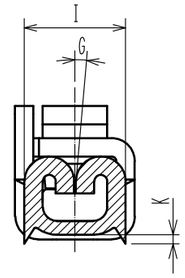
1. Scope
This technical specification prescribes crimp condition of ZH05-2224PCF (CL756-2001-0)

2. Applicable wire
・Applicable wire size : 0.22～0.35SQ
・Applicable insulation size : φ0.9～φ1.4

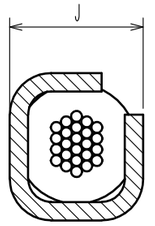
3. Quality standard



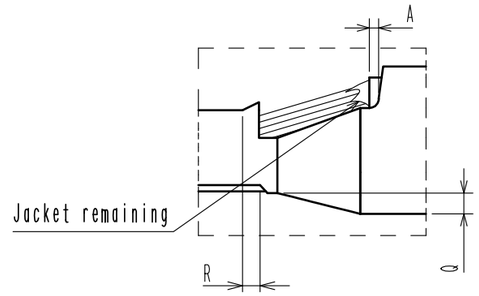
N-N(WIRE BARREL CROSS-SECTION IMAGE)



O-O(INSULATION BARREL CROSS-SECTION IMAGE)



P enlarged view



CHECK POINT		MEASURE (mm)
COVER LOCATION	A	0.3～0.8
LOCATION OF TIP OF THE CORE	B	0.1～0.6
BELL-MOUTH	C1	0.1～0.4
	C2	0.1 max
	C3	0.15 max
BEND-UP	D	2° max
BEND-DOWN	E	3° max
TWIST	F	±2° max
ROLLING	G	±5° max
STRIP LENGTH	H	4.0～4.6
WIDTH WIRE BARREL	I	1.36 max
WIDTH INSULATION BARREL	J	1.47 max
HEIGHT OF METAL CUT-OUT TEETH	K	0.15 max
CUT-OFF TAB	L	0.1 max
DIFERENCE IN LEVEL ON TRANSITION PART APPLY ONLY BEND-UP	M	0.2 max
DIFERENCE IN LEVEL BETWEEN WIRE BARREL AND INSULATION BARREL	Q	0.2～0.25
DISTANCE BETWEEN WIRE-CRIMPER AND WIRE-ANVIL	R	0.15～0.31

Note1. Refer to a crimp condition list for the crimp height.
Note2. A barrel may nip at insulation after crimping, but there is no problem in product function.
Note3. Please confirm that the terminal which did crimp enters a housing.

HRS	DRAWING NO.	EDC-390118-00-01
	PART NO.	ZH05-16DP-HU(B)
	CODE NO.	CL0756-2207-0-00