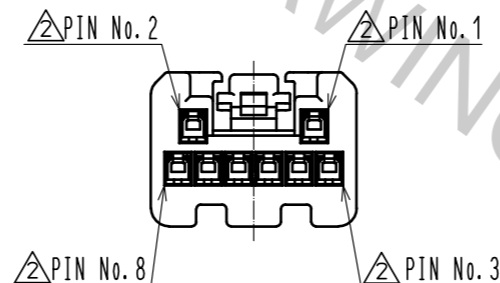
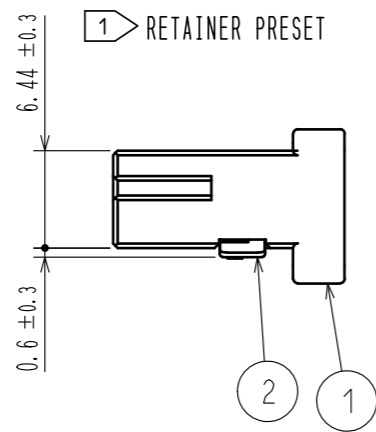
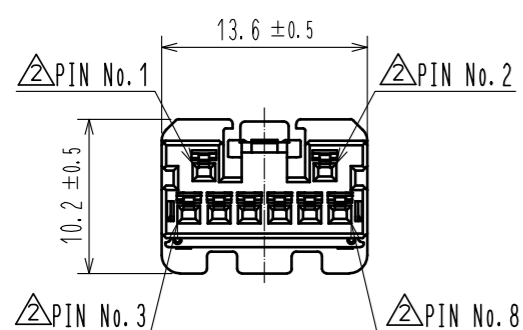
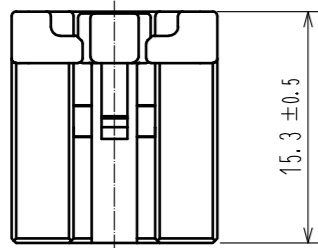
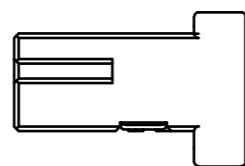


ELV, RoHS COMPLIANT



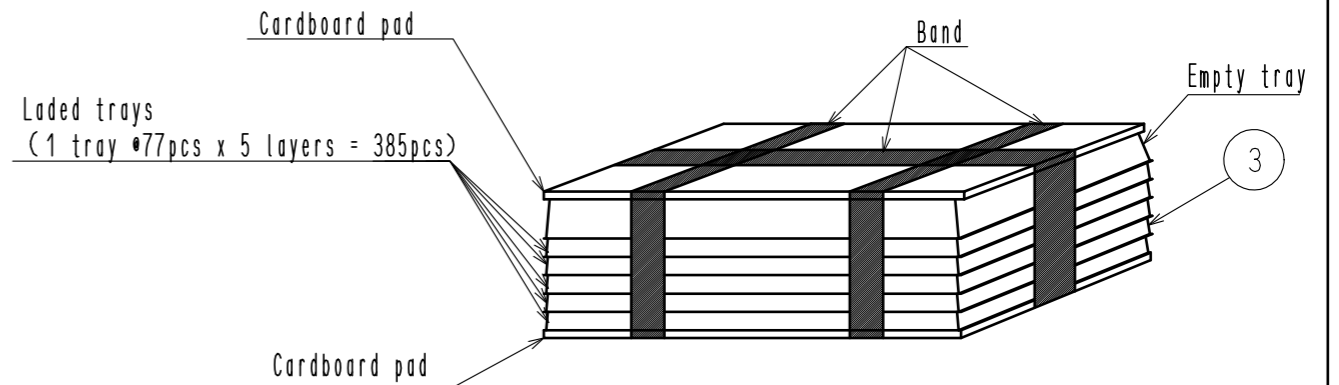
2 RETAINER FIXED



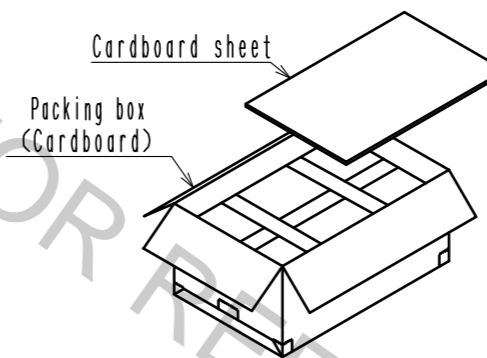
NOTE. 1 RETAINER IS TEMPORARILY ASSEMBLED INTO HOUSING.
2 RETAINER TO BE COMPLETELY ASSEMBLED INTO POSITION AFTER CONTACT IS INSERTED.

Packaging Specification

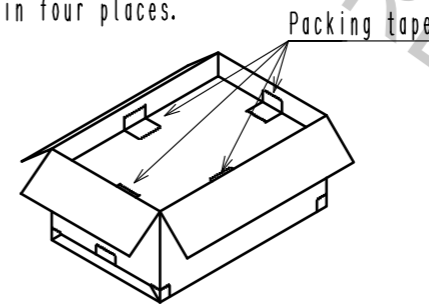
(1) After placing parts in trays, stack in six layers. (Top layer will be empty.)



(2) Place bound trays in box, then place cardboard sheet on top.

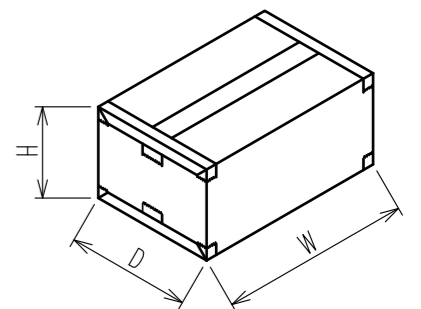


(3) Using packing tape, affix sheet of cardboard to box in four places.



(4) Place lid on box and seal with packing tape.

W=(365)mm
D=(267)mm
H=(126)mm



2	PA	NATURAL			
1	PA	BLACK	3	POLYSTYRENE	
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 11	DESCRIPTION OF REVISIONS DIS-T-00004226	DESIGNED YH. MAMADA
					CHECKED HH. TSUKUMO
					DATE 20190125
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : HK. UMEHARA 20170912	DRAWING NO. EDC-368638-00-00		
		CHECKED : HK. UMEHARA 20170912	PART NO. ZE05-8DS-HU/R		
		DESIGNED : KT. MATSUDA 20170912	CODE NO. CL752-2203-0-00		
		DRAWN : MN. SATOH 20170912	1/4		

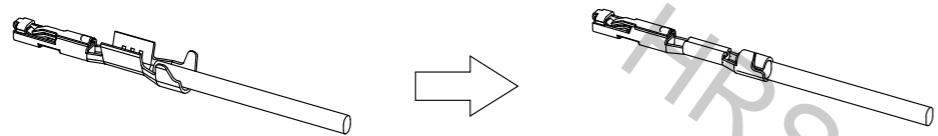
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ASSEMBLY PROCESS

① Strip the cable

Note: Please refer to the Crimp Quality Standard (p.4) for details on strip length.

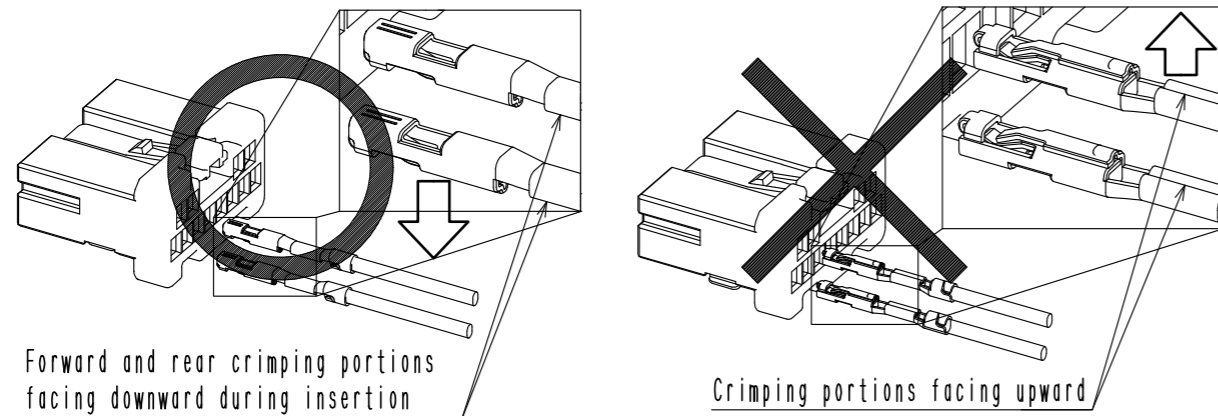
② Crimp wire in terminal



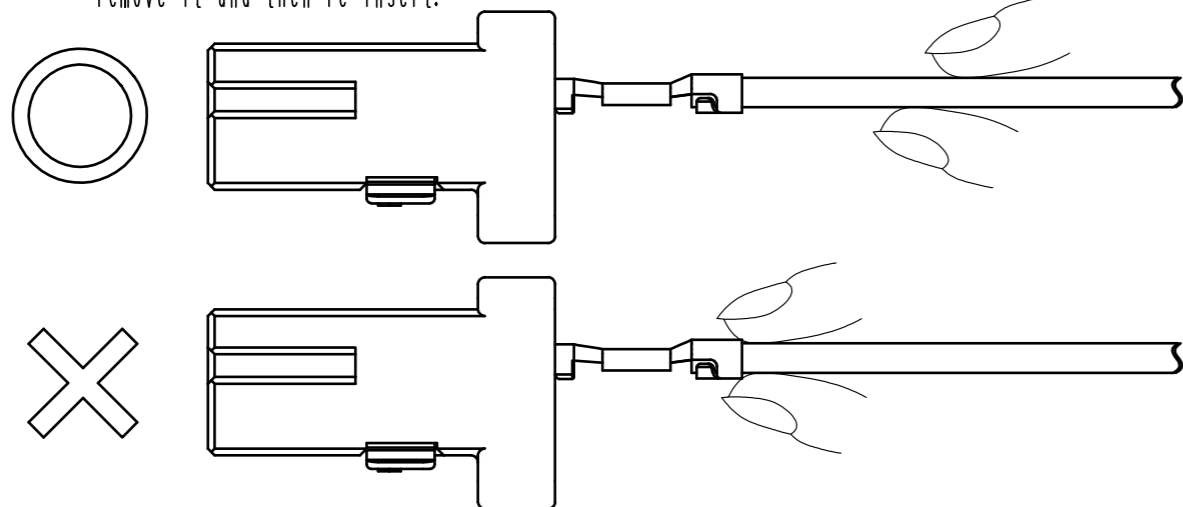
NOTE 1: Please use the Hirose crimp tool.
NOTE 2: Please refer to the Crimp Quality Standard to confirm terminal compatibility and check crimp condition.

③ Insert contact and push until a click is heard.

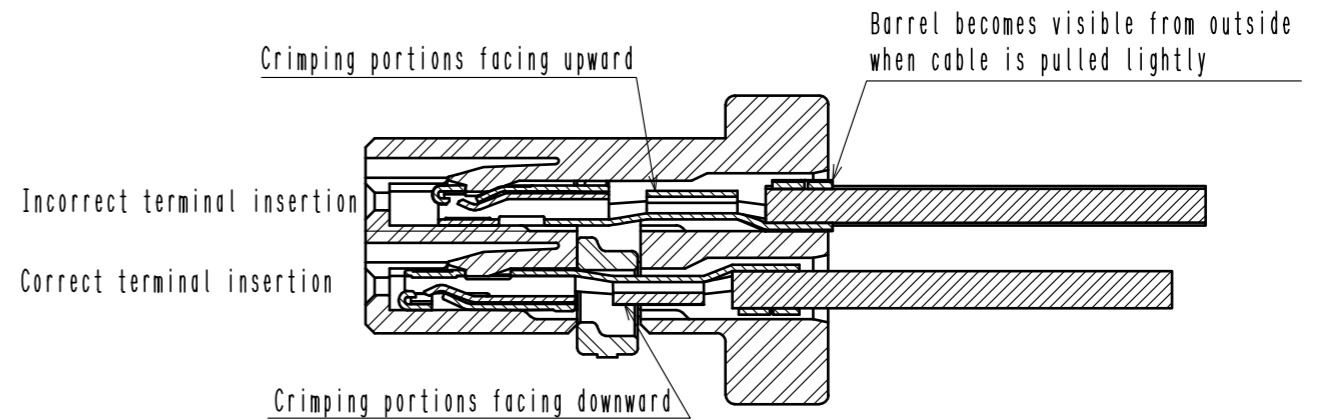
*Please take care to ensure that the terminal is inserted in the correct orientation.



NOTE 1: Holding the cable, please insert straight into the housing.
Do not use more than 10N of force during this process.
*Even in the incorrect orientation, holding the cable at the crimped terminal and applying a force in excess of 10N can result in insertion.
NOTE 2: If the crimped terminal does not enter the housing smoothly the first time, remove it and then re-insert.



④ After insertion, confirm that the terminal has been inserted correctly by pulling lightly on the cable.



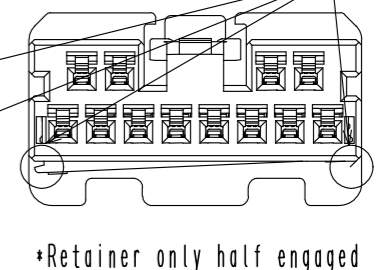
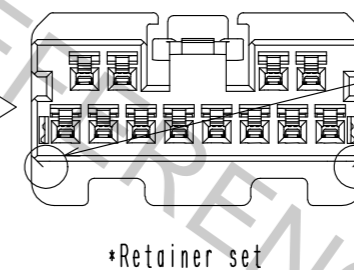
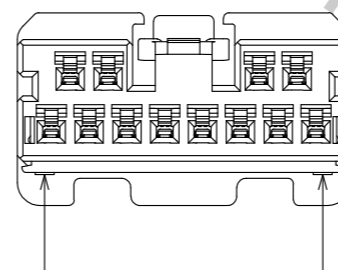
⑤ Press preset retainer until a click is heard.

Please press the retainer at one side, and then the other side to fully push it in.

Preset condition
(Configuration at time of delivery)

Set position

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



Press the retainer at one side, and then the other side to fully push it in.



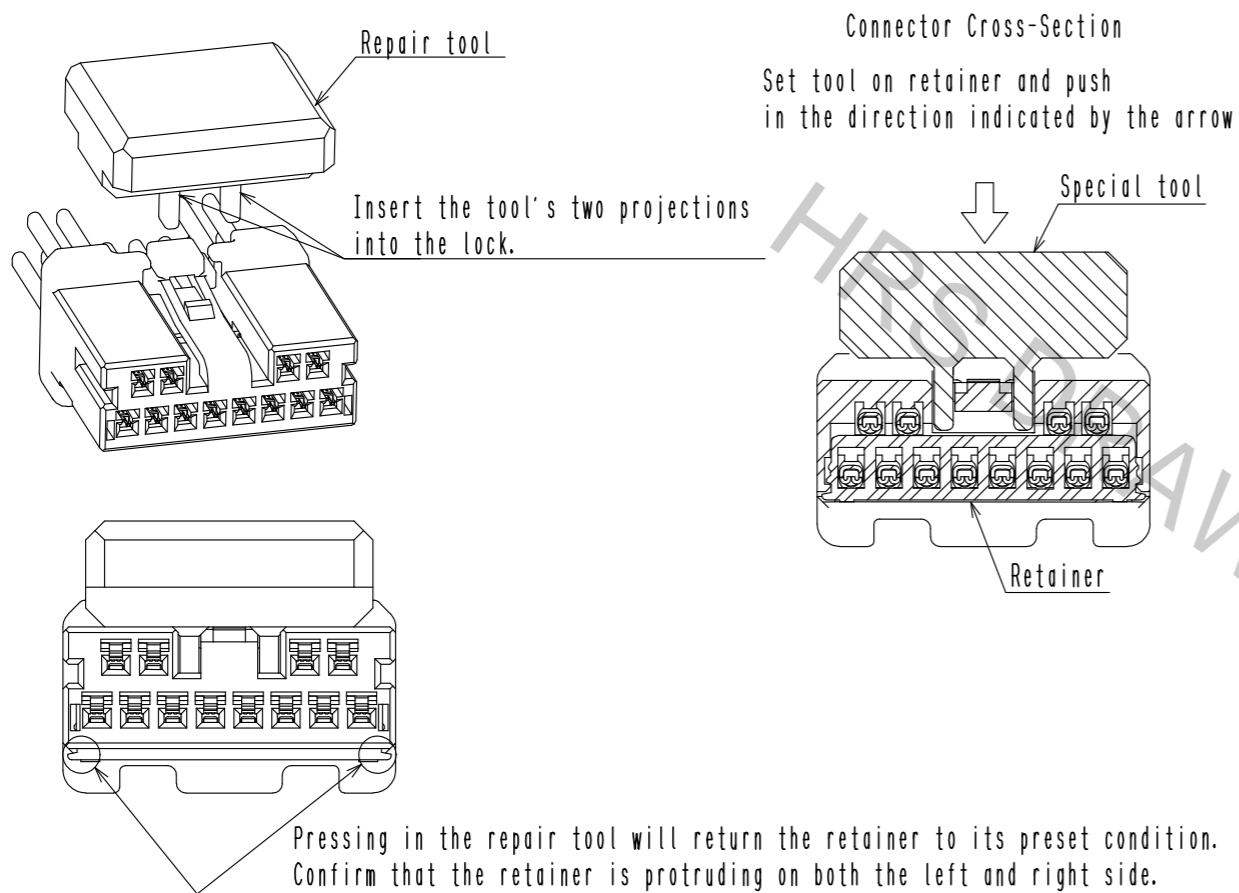
DRAWING NO.	EDC-368638-00-00
PART NO.	ZE05-8DS-HU/R
CODE NO.	CL752-2203-0-00

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REPAIR PROCESS

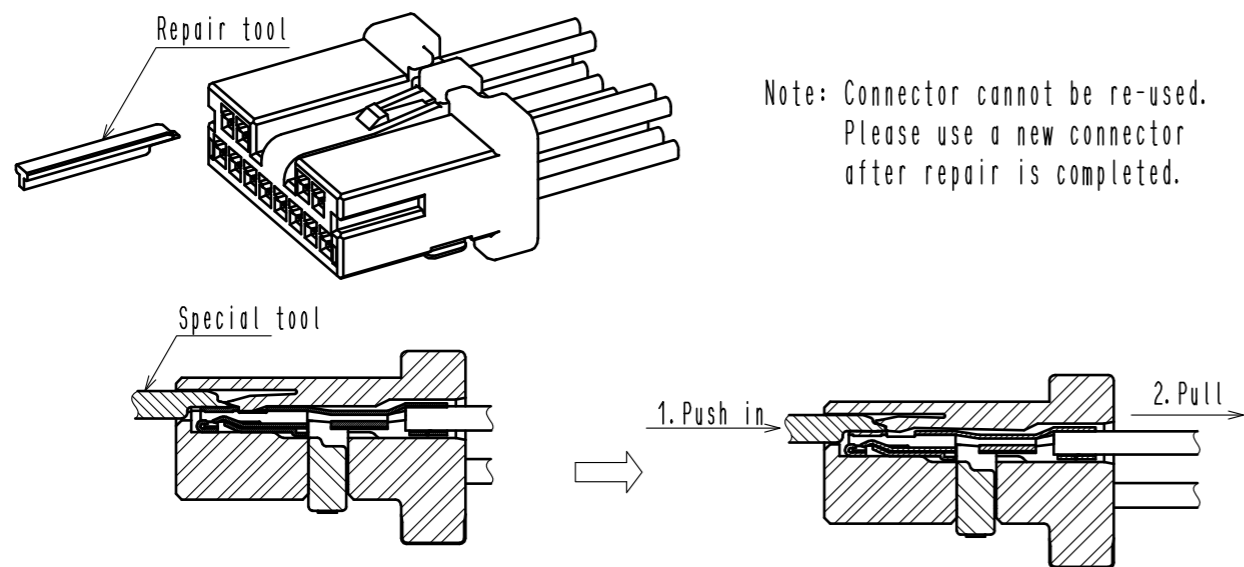
① Using the special repair tool, disengage the retainer lock and return the retainer to the preset condition.

Note: Please refer to the following section (p.6) for details on the special tool.



② Insert the tool into the terminal cavity and push until contact with the terminal is made. Maintain this position and remove the terminal.

Note: Please refer to the following section (p.6) for details on the special tool.



③ Repair tool summary

Retainer Repair Tools - Part Number Summary

Applicable Part	Repair Tool Name	Repair Tool Part Number
ZE05-2S-HU/R(##)	ZE05-2DC-HU/R/RE-MD	902-5144-0
ZE05-4S-HU/R(##)		
ZE05-5S-HU/R(##)		
ZE05-8DS-HU/R(##)	ZE05-12DC-HU/R/RE-MD	902-5143-0
ZE05-12DS-HU/R(##)		
ZE05-16DS-HU/R(##)		
ZE05-20DS-HU/R(##)		
ZE05-24DS-HU/R(##)		

(##) = specification number

Crimped Terminal Repair Tool - Part Number Summary

Applicable Part	Repair Tool Name	Repair Tool Part Number
ZE05-2022SC(F)(##)	ZE05/RE-MD	902-5145-0

(##) = specification number



DRAWING NO.	EDC-368638-00-00
PART NO.	ZE05-8DS-HU/R
CODE NO.	CL752-2203-0-00

3/4

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Other / Notes

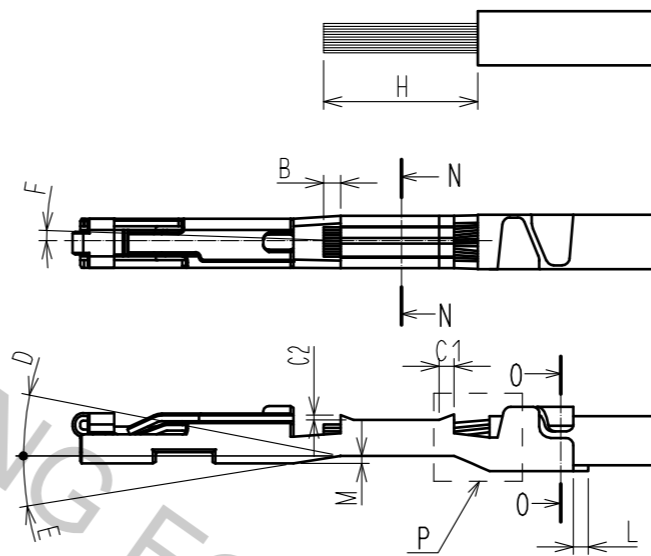
- 1) Do not touch the terminal contact points or the interior of the barrel.
- 2) In the event that the terminal must be handled, please wear gloves in order to prevent corrosion.
- 3) Placing items on top of a terminal or dropping a terminal may result in shape deformities or contamination. Please handle 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.

CRIMP QUALITY STANDARD

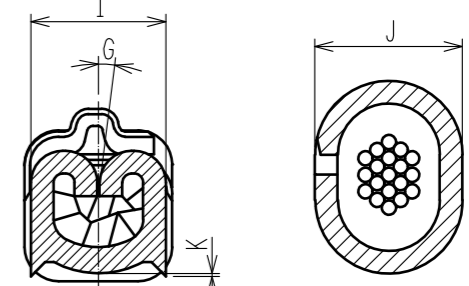
1. Scope
This technical specification prescribes crimp condition of ZE05-2022SCF (CL752-2001-0)

2. Applicable wire
 - Applicable wire size : 0.3~0.5SQ
 - Applicable insulation size : $\phi 1.4 \sim \phi 1.5$

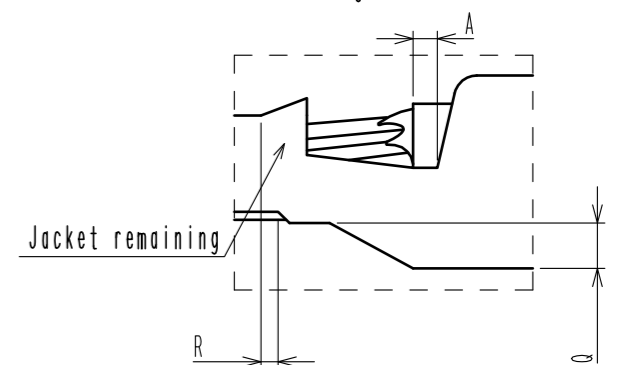
3. Quality standard



N-N<WIRE BARREL CROSS-SECTION IMAGE>
 O-O<INSULATION BARREL CROSS-SECTION IMAGE>



P enlarged view



CHECK POINT		MEASURE (mm)	
JACKET 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	
BEND-UP	D	2° max	
BEND-DOWN	E	5° max	
TWIST	F	±2° max	
ROLLING	G	±5° max	
STRIP LENGTH	H	4.0~4.3	
WIDTH	WIRE BARREL	I	1.6 max
	INSULATION BARREL	J	1.63 max
HEIGH OF METAL CUT-OUT TEETH	K	0.12 max	
CUT-OFF TAB	L	0.1 max	
DIFFERENCE IN LEVEL ON TRANSITION PART APPLY ONLY BEND-UP	M	0.2 max	
DIFFERENCE IN LEVEL BETWEEN WIRE BARREL AND INSULATION BARREL	Q	0.25~0.4	
DISTANCE BETWEEN WIRE-CRIMPER AND WIRE-ANVIL	R	0.15~0.31	

Note1. Refer to a Crimping Data for the crimp height.

Note2. There is a possibility that a terminal is involved in jacket and crowded by the crimping, but it does no affect on the product function.

Note3. Please confirm that the crimped terminal can be inserted into a housing.

HRS

DRAWING NO. EDC-368638-00-00
 PART NO. ZE05-8DS-HU/R
 CODE NO. CL752-2203-0-00

4/4

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