

GT16F
In-line wire harness
instruction manual

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
TITLE GT16F In-line wire harness instruction manual			 HIROSE ELECTRIC CO., LTD.		
			APPROVED	KI. HIROKAWA	20190329
			CHECKED	MO. OKADA	20190329
			CHARGED	AM. YAMAUCHI	20190329
			WRITTEN	GYEONGMIN LEE	20190329
TECHNICAL SPECIFICATION			ETAD-T0824-00		1 / 5

1. Parts Configuration

(1) Center contact

Model	HRS No.
GT16-2428SCF	CL766-0001-2
GT16-2428PCF	CL766-0006-6
GT16-30SCF	CL766-0055-1
GT16-30PCF	CL766-0015-7

(2) Insulator

Model	HRS No.
GT16-SC	CL766-0002-5
GT16-PC	CL766-0007-9

(3) Outer contact

Model	HRS No.
GT16-/1.6-2.9SC	CL766-0003-8
GT16C-/1.6-2.9PC	CL766-0019-8
GT16-/0.7-1.5SC	CL766-0056-4
GT16C-/0.7-1.5PC	CL766-0018-5

(4) Housing

Model	HRS No.
GT16F-1S-HU(A)	CL766-0082-4
GT16F-1S-HU(B)	CL766-0083-7
GT16F-1P-HU(A)	CL766-0086-5
GT16F-1P-HU(B)	CL766-0087-8

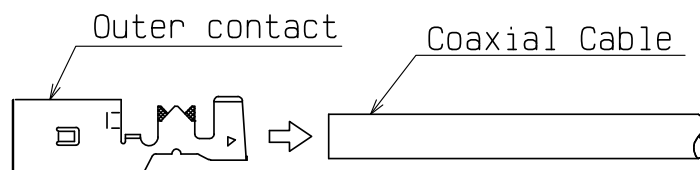
2. Applicable Cable

- ◇ 1.5D-2V or equivalent
- ◇ 0.8D-2V or equivalent

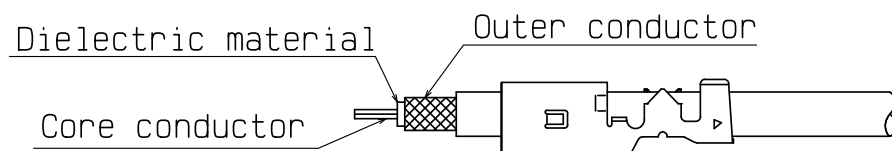
(Note: The center condition varies with the structure of the cable.
Check the cable before use.

3. Harness method

- ① Put the outer contact into the cable.



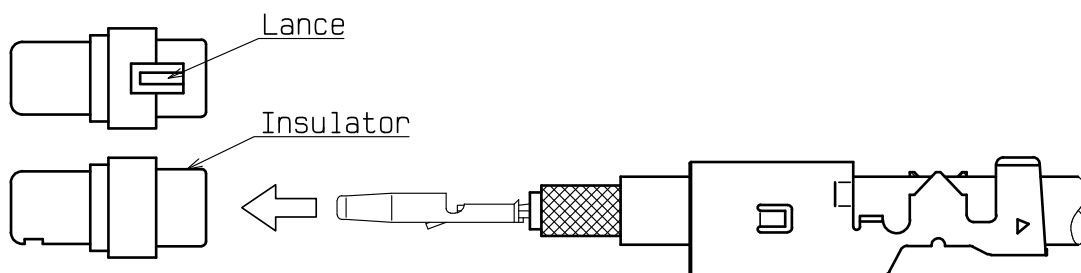
- ② Strip the cable sheath.
Note1. Refer to 'The Crimp Quality standard Sheet' for the cable-end processing dimension.
Note2. Neatly cut the cable end before processing so that the core conductor, dielectric material, outer conductor, and sheath will be aligned together.
(Make sure that the cable is not deformed.)
Note3. Pay utmost attention not to damage the cut edge of the core conductor, dielectric material and outer conductor.



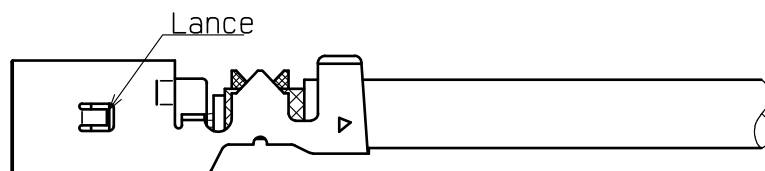
- ③ Use the dedicated jig and crimp the center contact.
Note1. Refer to 'The Crimp Condition Table' for the crimp height.
Note2. Refer to 'The Crimp Quality Standard Sheet' for the crimp work standards.



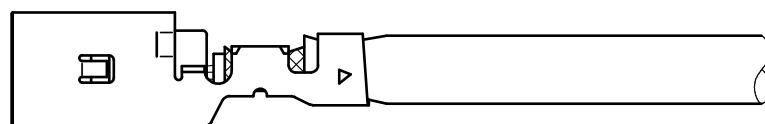
- ④ Insert the center contact into the insulator.
 Note1. Insert the center contact until the position of that is fixed by the lance of insulator.



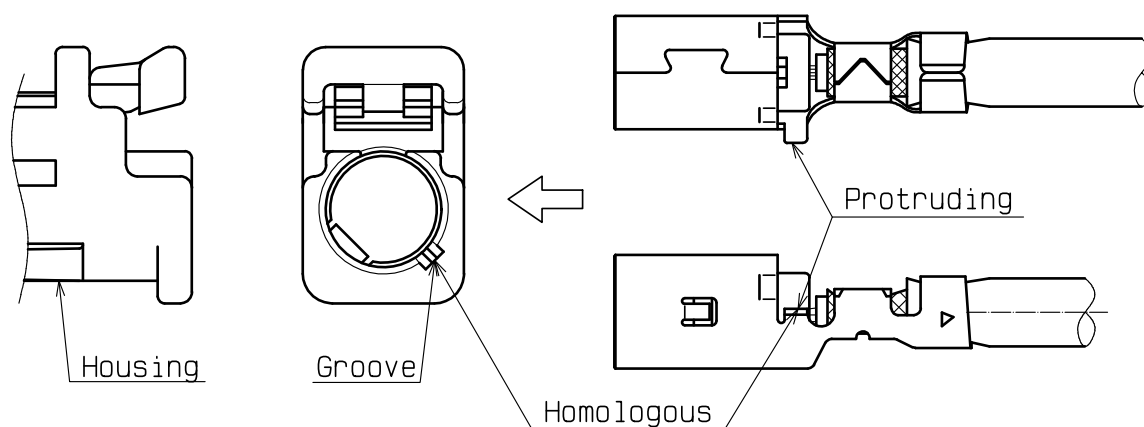
- ⑤ Assemble the outer contact to the insulator.
 Note1. Insert the insulator until the position of that is fixed by the lance of outer contact.



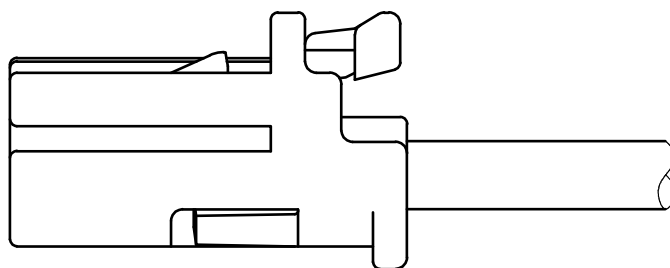
- ⑥ Use the dedicated jig and crimp the outer contact.
 Note1. Refer to 'The Crimp Condition Table' for the crimp height.
 Note2. Refer to 'The Crimp Quality Standard Sheet' for the crimp work standards.



- ⑦ Insert the outer contact into the housing.
 Note1. Coincide the protruding part of the outer contact with the groove of the housing and insert the outer contact.
 Note2. Insert the outer contact until the position of the outer contact is fixed by lance of housing.



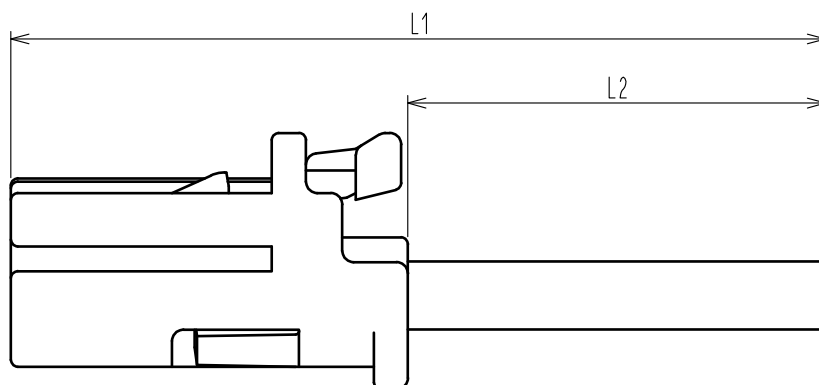
⑧ Harness work completed after inspection.



Note. 'Cut length of cable' According to the following.

Cut length of cable with GT16F-1S-HU

Cut length: $L1 - 6.5$
 $L2 + 11.0$



Cut length of cable with GT16F-1P-HU

Cut length: $L1 - 14.1$
 $L2 + 11.0$

