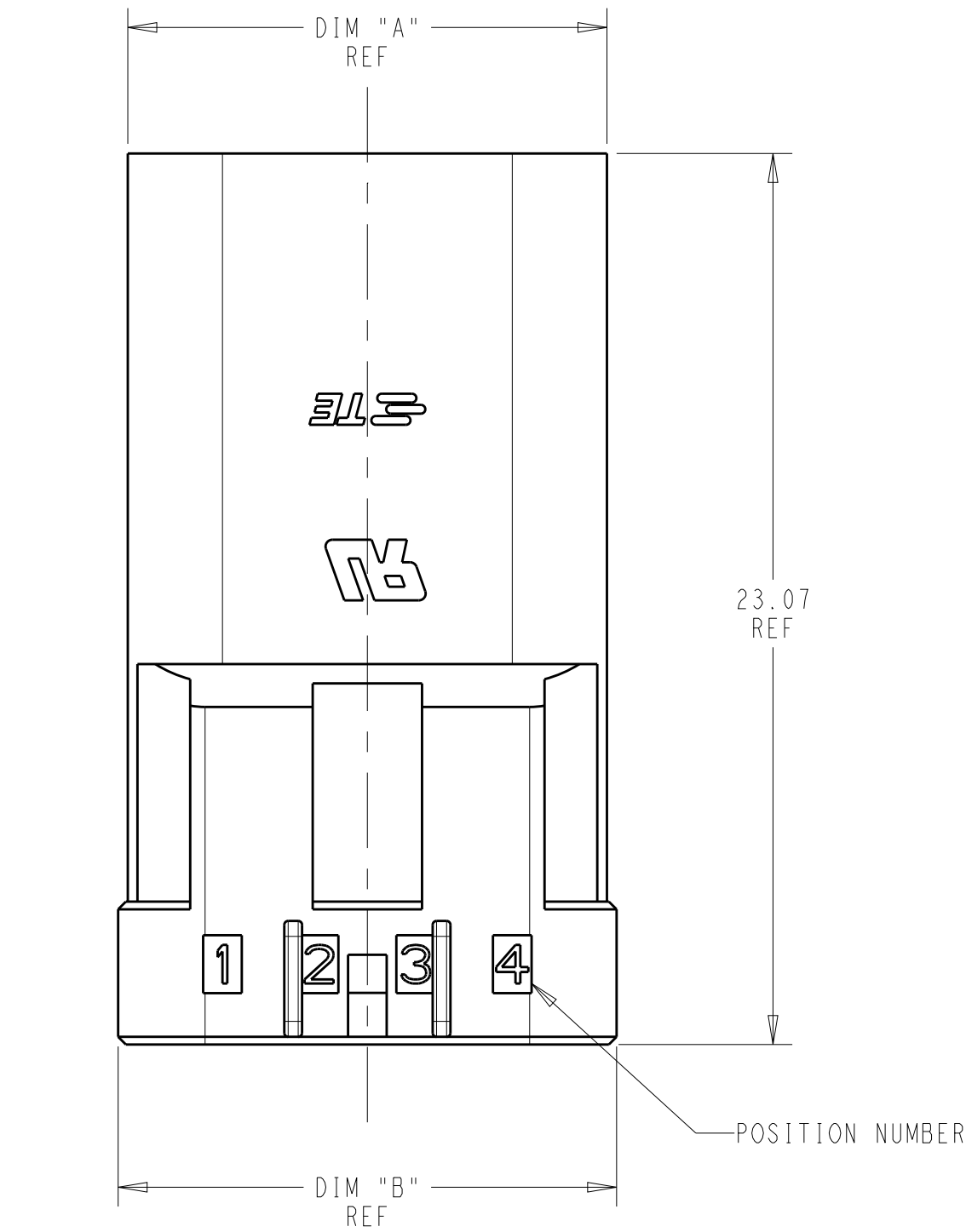
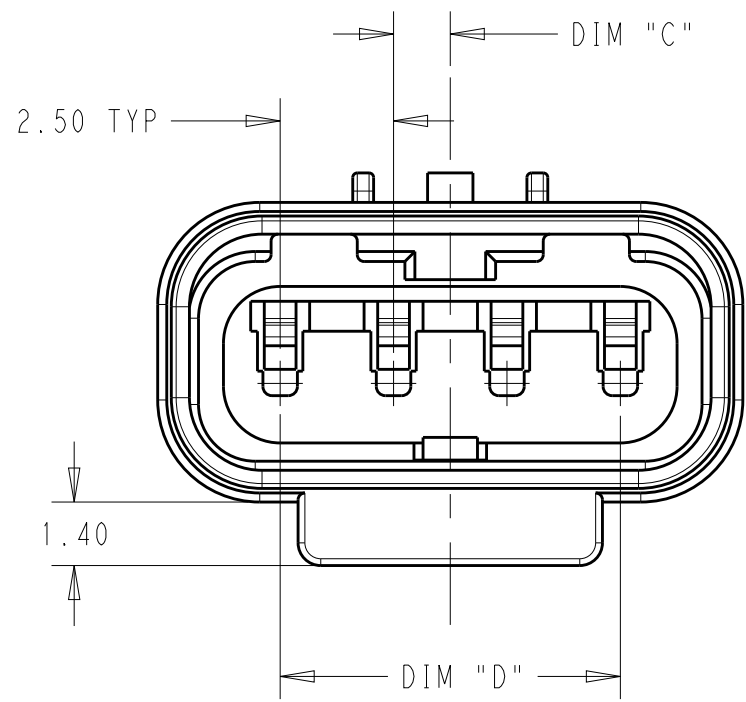
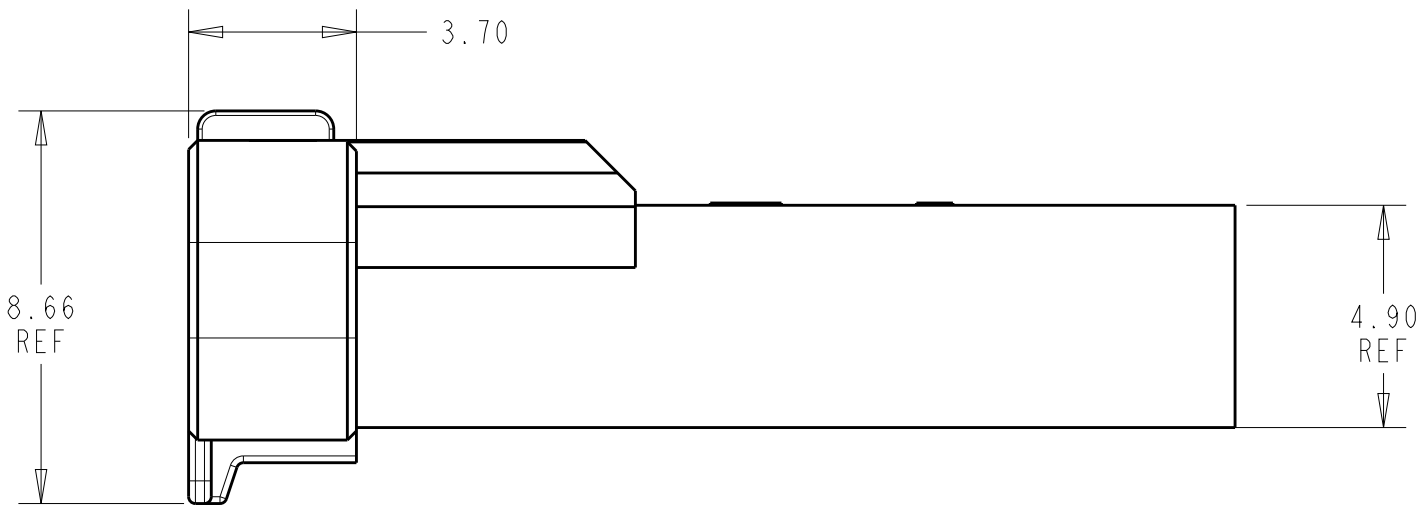
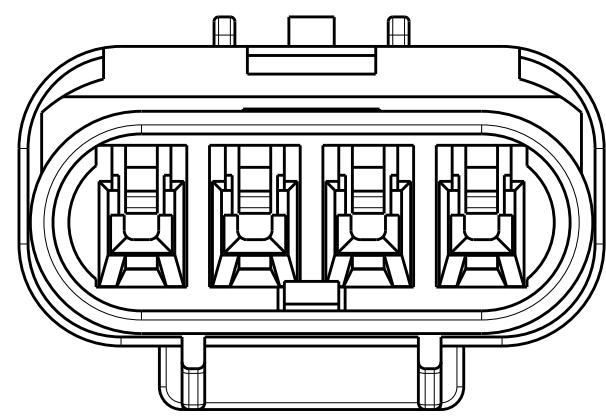
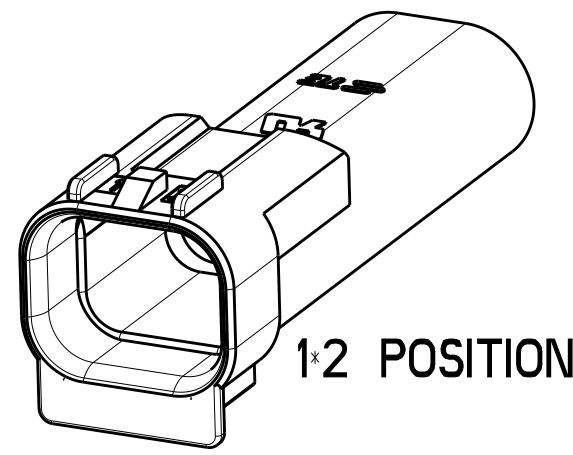
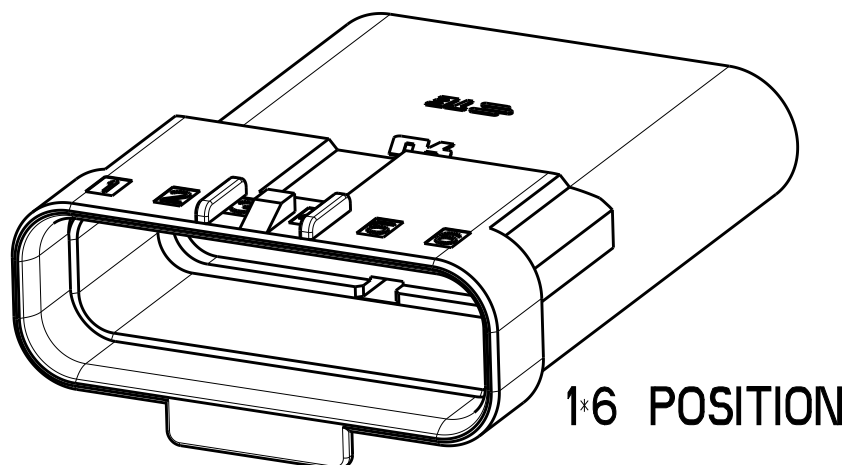
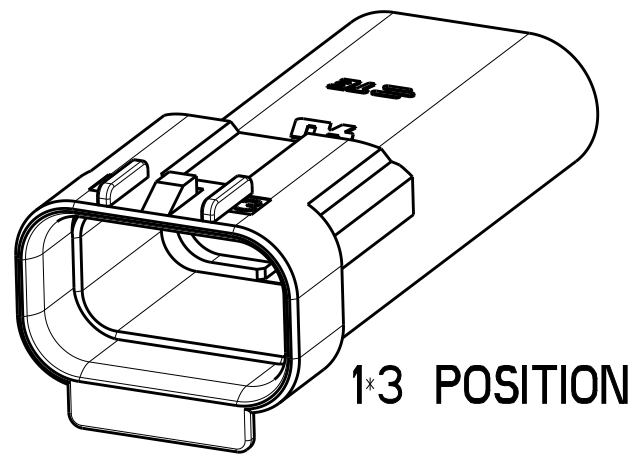
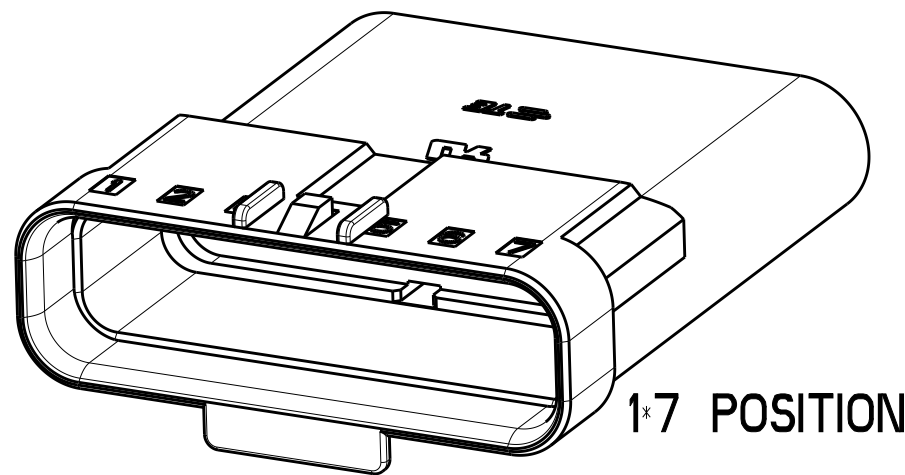
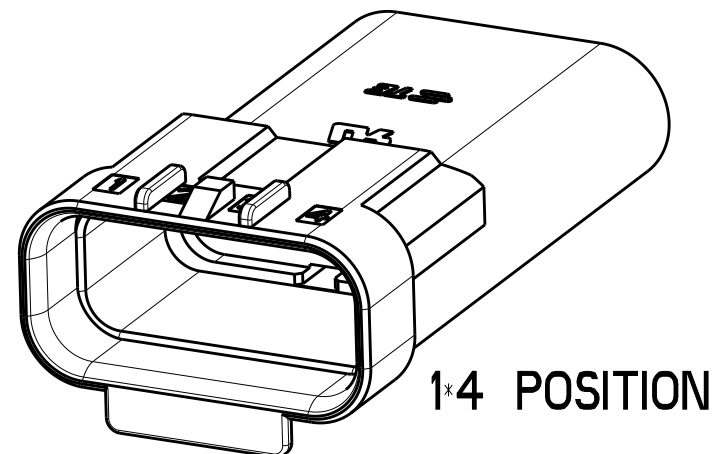
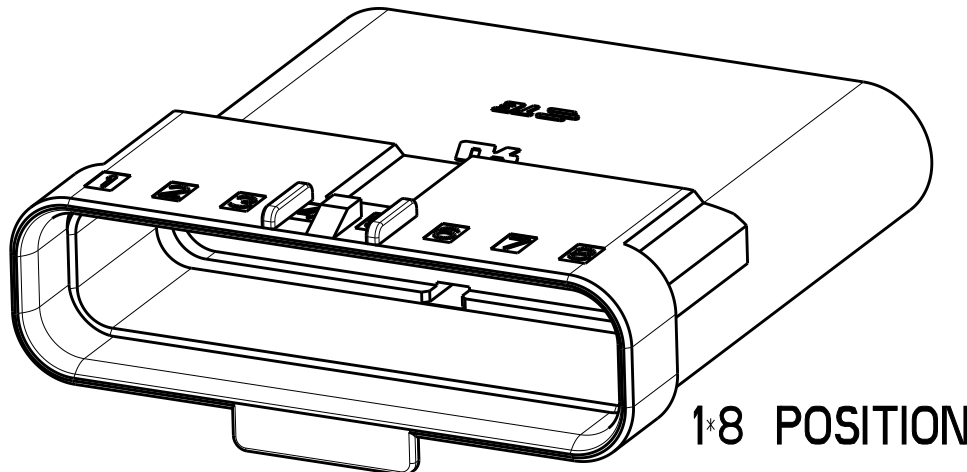
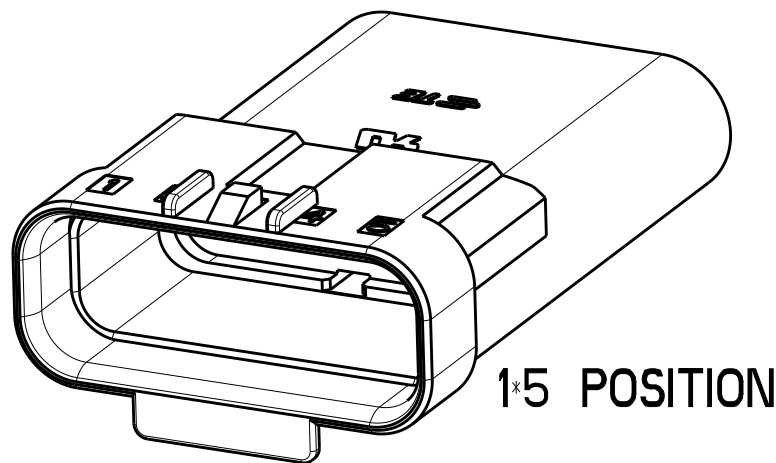
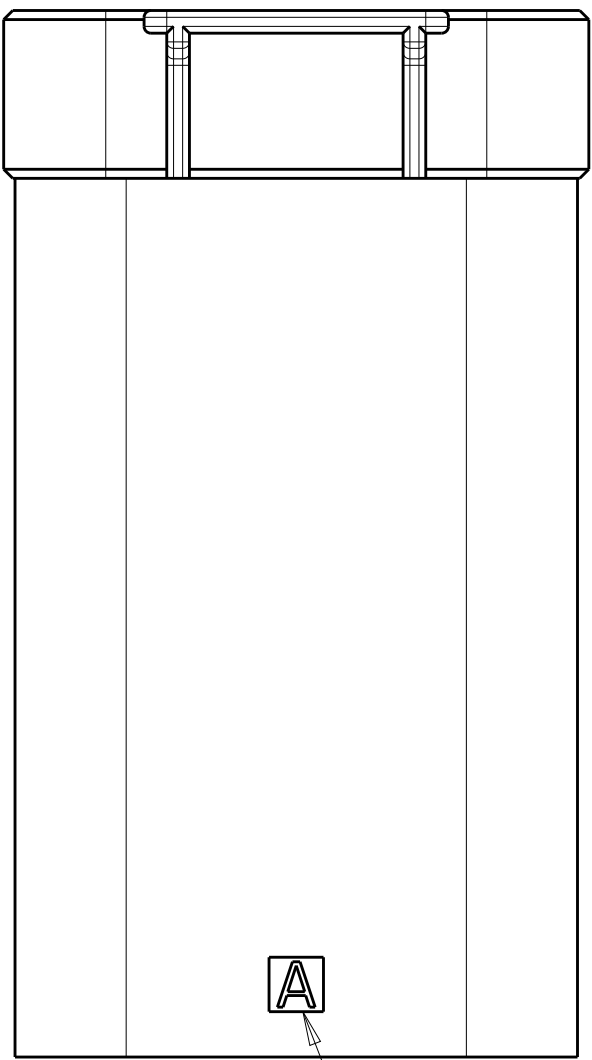


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW RELEASE	12FEB2020	L.C	D. Z

- ⚠ MATERIAL: PA66, UL94V-0, COLOR: NATURAL
2. APPLICABLE CONTACT P/N
2321928-1 OR 1-2321928-1
3. MATING CONNECTOR P/N
PLUG HSG: 2321918-
TPA (OPTIONAL): 2321927-
GANG SEAL: 2321922-*
4. COMPLY WITH GLOW WIRE REQUIREMENTS FOR PARTS OF NON-METALLIC MATERIAL SUPPORTING A CURRENT-CARRYING CONNECTION DETAILED IN IEC 60335-1, SECTION 30(GWT)
- ⚠ PRELIMINARY PART - NOT RELEASED FOR PRODUCTION
THIS PART HAS NOT COMPLETED QUALIFICATION TESTING

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>



17.50	1.25	22.90	22.40	1*8	5 2321924-8
15.00	0	20.40	19.90	1*7	5 2321924-7
12.50	1.25	17.90	17.40	1*6	2321924-6
10.00	0	15.40	14.90	1*5	2321924-5
7.50	1.25	12.90	12.40	1*4	2321924-4
5.00	0	10.40	9.90	1*3	2321924-3
2.50	1.25	7.90	7.40	1*2	2321924-2
DIM "D"	DIM "C"	DIM "B"	DIM "A"	POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN B. WEAVER 15FEB2019 CHK S. FERNANDES 15FEB2019 APVD C. YI 15FEB2019		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		RECEPTACLE HOUSING, SDL 2.5 WATERPROOF	
mm		0 PLC ± 1 PLC ± 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-143069 APPLICATION SPEC 114-143067 WEIGHT -		SIZE CAGE CODE DRAWING NO A1 00779 C-2321924	
MATERIAL		1		CUSTOMER DRAWING		RESTRICTED TO -	
						SCALE 6:1 SHEET 1 OF 1 REV A	

SUPER SEAL CONNECTOR
PLUG HOUSING CONNECTOR

SUPER SEAL コネクタ プラグハウジングコネクタ

注記) 6 ページ以降日本語版

This manual describes the wiring harness assembly Procedure of
SUPER SEAL CONNECTORS.

1. NAME / CAT. NO. OF APPLICABLE PRODUCTS

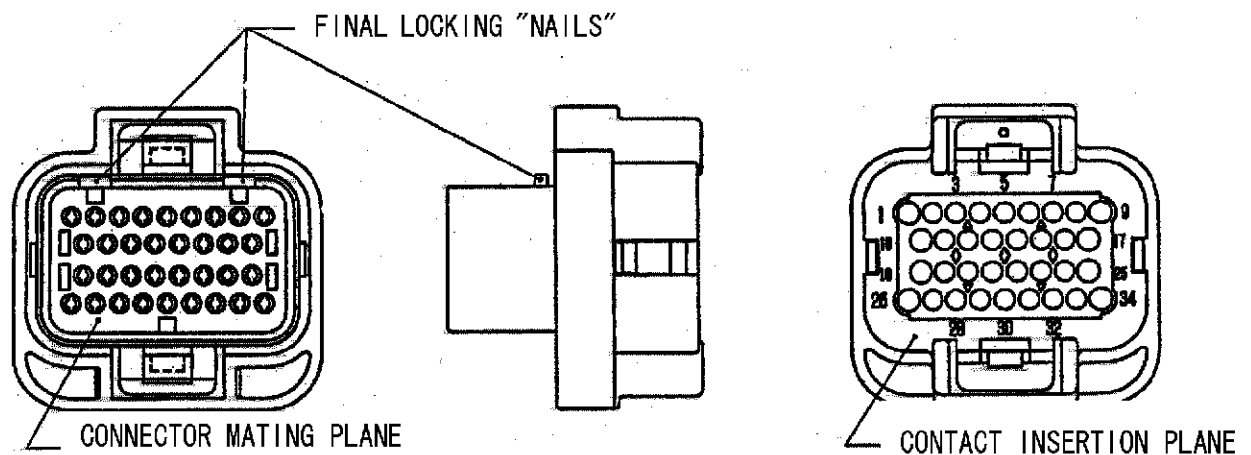
	Part Number	Old Part Number
・ Receptacle Contact ASS'Y	／ 1437228-6	3900115-01
	3-1447221-3	3900187-01
	3-1447221-4	3900187-02
	3-1447221-5	3900187-03
・ Plug Housing ASS'Y	／ 2-1437285-2	3900113-2611
	2-1437285-9	3900113-2612
	3-1437290-7	3900113-2621
	3-1437290-8	3900113-2622
	2-1437285-3	3900113-3411
	3-1437290-9	3900113-3412
	4-1437290-0	3900113-3421
	4-1437290-1	3900113-3422
	1473416-1	-
	1473416-2	-
・ Hole Plug	4-1437284-3	3400130

2. CONTACT CRIMPING

- The contacts should be crimped in accordance with Crimping Specification 114-78006 (Old PS-1165) , 114-78011 (Old PS-1191).

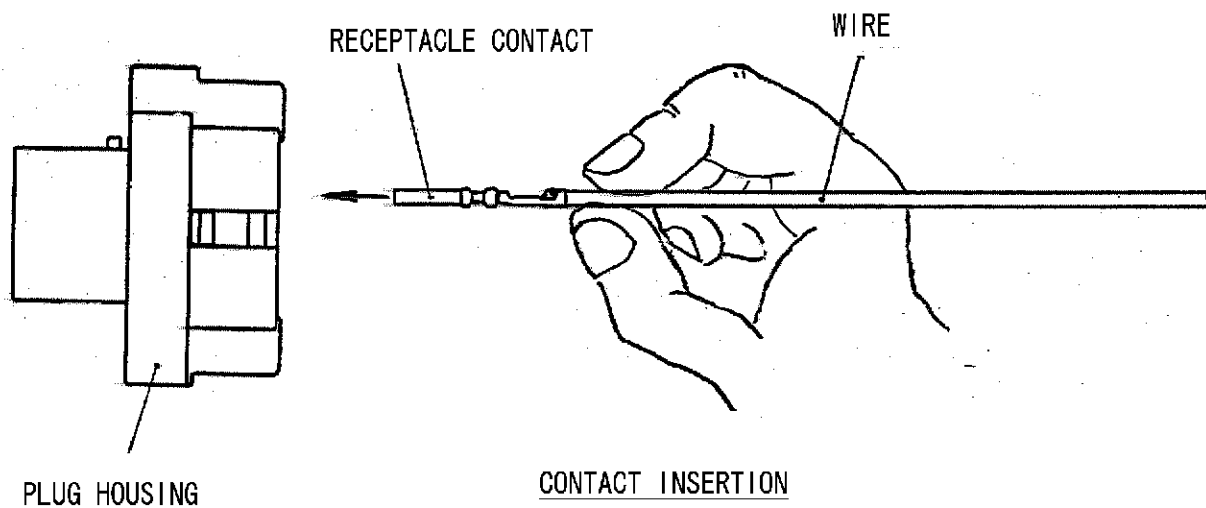
3. CONTACT INSERTION

- The contact should be protected from an unnatural external force so as not to be deformed or bent before it is inserted into the housing. (If the contact is deformed or bent, that contact should not be used and a new contact should be crimped.)
- It should be confirmed that two final locking "protrusions" of the housing protrude.



HOUSING CONFIRMATION

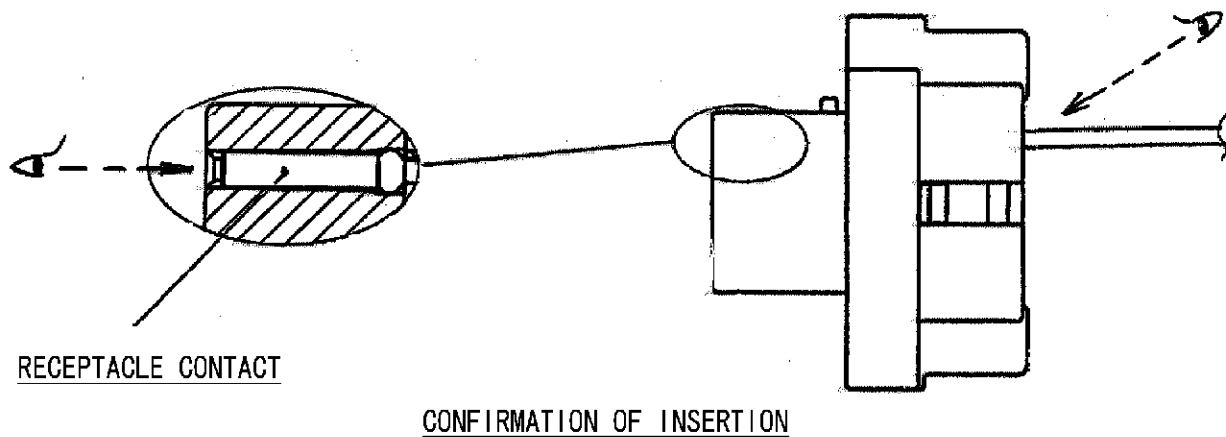
- As shown in the following figure, the contact should be held by the part near the crimping and inserted into the housing as vertically as possible. (The contact should be inserted as far as it hits the part of the housing to avoid the halfway insertion.)



PLUG HOUSING

CONTACT INSERTION

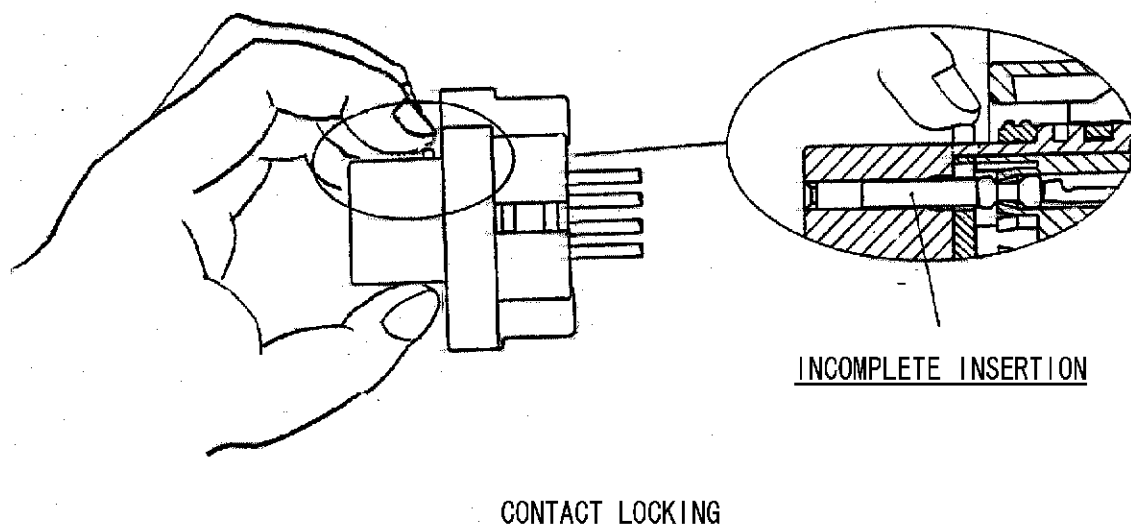
- It should be confirmed that the contact stays in a correct position from both the connectors mating plane and the contact insertion plane.
- If the contact is inserted into an incorrect position, the contact should be removed from the housing in accordance with the Sec. 5 of this manual and inserted again.



- When the insertion of the contacts is finished, it should be confirmed that the contacts are inserted into all the necessary positions. (The insertion of the hole plugs should be also checked.)

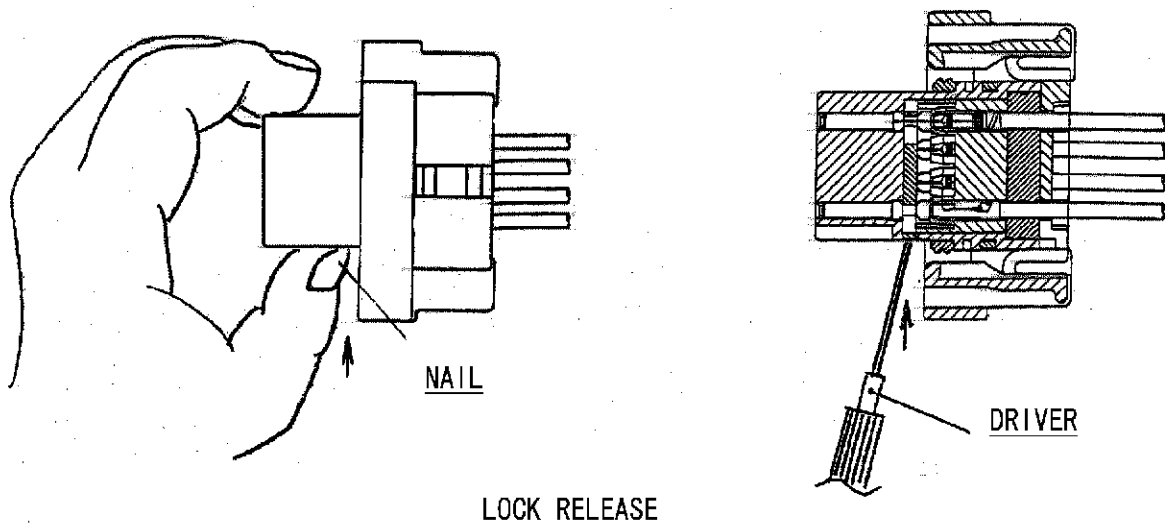
4. FINAL LOCKING OF CONTACT

- After all the contacts are inserted, two final locking "protrusions" are pushed simultaneously into the housing by fingers for locking (latching feeling should be confirmed). If the nails are blocked halfway, it means that the halfway insertion of the contact is detected. In such case, therefore, it should be checked again whether the contact stays in the correct position or not without applying further pushing force.

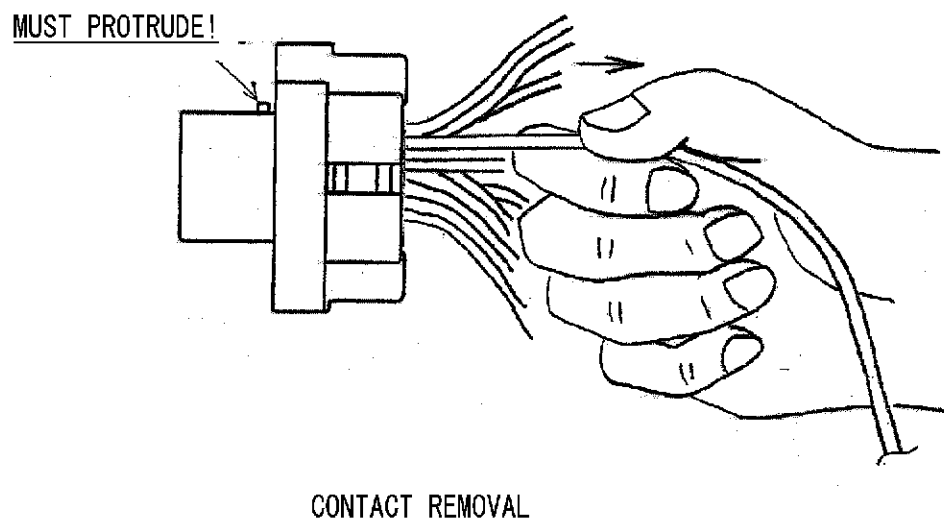


5. CONTACT REMOVAL

- If the final locking protrusions have already been pushed into the housing, the releasing side (one position) of the final lock is pushed up by a finger nail or a tool such as a minus driver. (Latching feeling should be confirmed. The release of the final lock should not be repeated more than 10 times.)

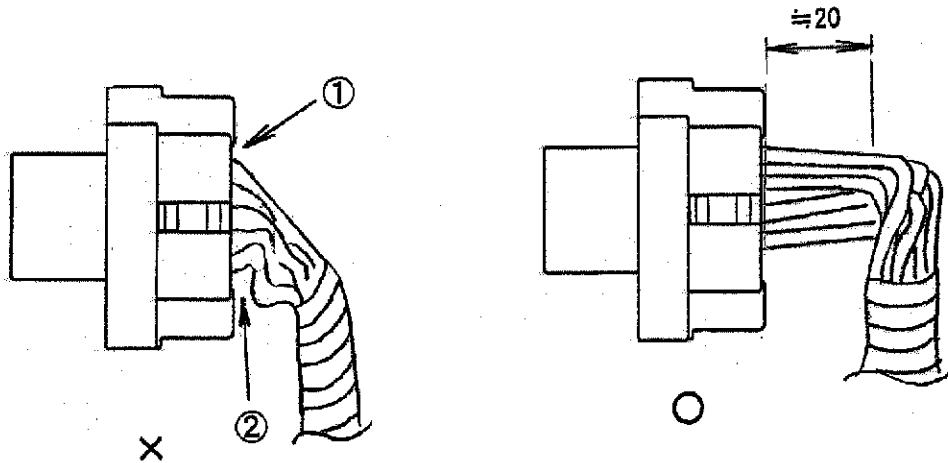


- If it is confirmed that both the final locking "nails" protrude, the wire crimped with the contact to be removed is drawn out as vertically as to the housing. (The removal of one position should not be repeated more than 3 times.)



6. OTHERS

- When the wires are bundled (by taping, etc.), care should be taken not to apply a tensile force to one arbitrary wire.
- If the wires are bent approximately 90 degrees, the bent position should be approximately 20 mm apart from the connector and the bending form, the bundling position, etc. should be considered:
 - ① in order not to apply a tensile force to the wire outside the bend.
 - ② in order not to apply a compression load to the wire inside the bend and deform the wire.
- The housing should not be dismantled.

BENDING OF WIRES

本書はSUPER SEALコネクタにおけるハーネス組立作業に当たっての注意事項を示すものである。

1. 適用製品名称／型番

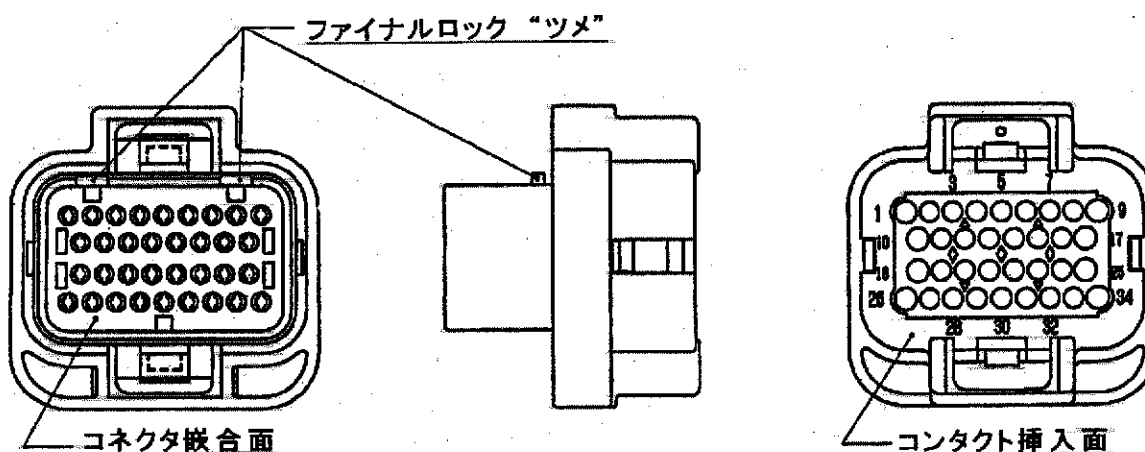
	型 番	旧型番
・ リセプタクルコンタクトASS'Y	1437228-6	3900115-01
	3-1447221-3	3900187-01
	3-1447221-4	3900187-02
	3-1447221-5	3900187-03
	2-1437285-2	3900113-2611
・ プラグハウジングASS'Y	2-1437285-9	3900113-2612
	3-1437290-7	3900113-2621
	3-1437290-8	3900113-2622
	2-1437285-3	3900113-3411
	3-1437290-9	3900113-3412
	4-1437290-0	3900113-3421
	4-1437290-1	3900113-3422
	1473416-1	-
	1473416-2	-
	4-1437284-3	3400130
・ 埋栓		

2. コントクトの圧着

- コントクトの圧着作業は圧着規格 114-78006 (IBPS-1165) 及び114-78011 (IBPS-1191) に基づき、実施すること。

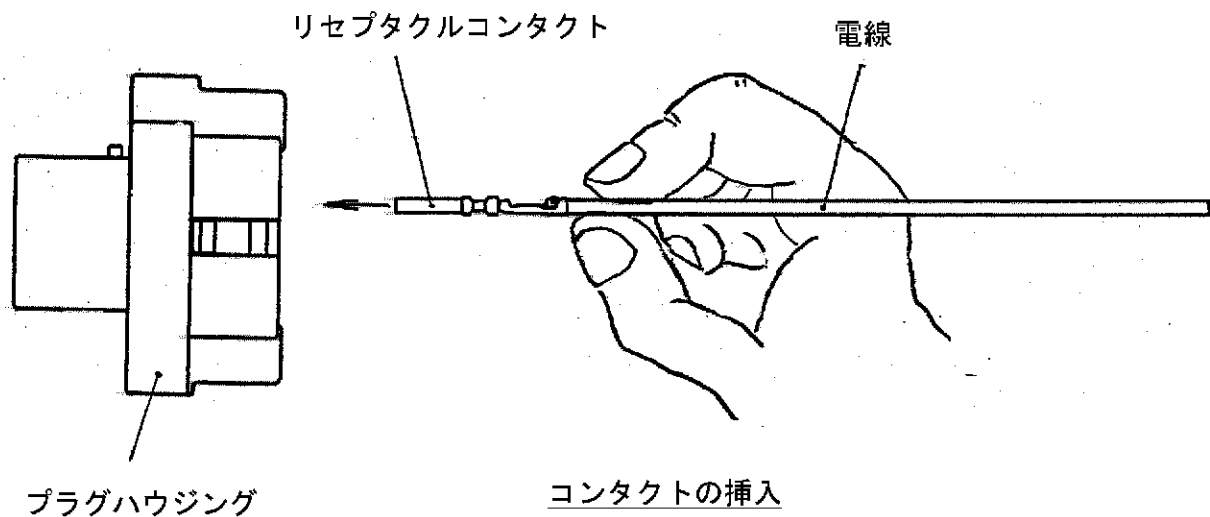
3. コントクトの装着

- コントクトはハウジングへ装着するまでの間に、変形を起こさぬよう、無理な外力を与えないこと。(万一、曲がり等変形が生じてしまった場合は使用せず、新規コントクトを圧着し直す。)
- ハウジングの2箇所ファイナルロック“ツメ”がとび出していることを確認する。

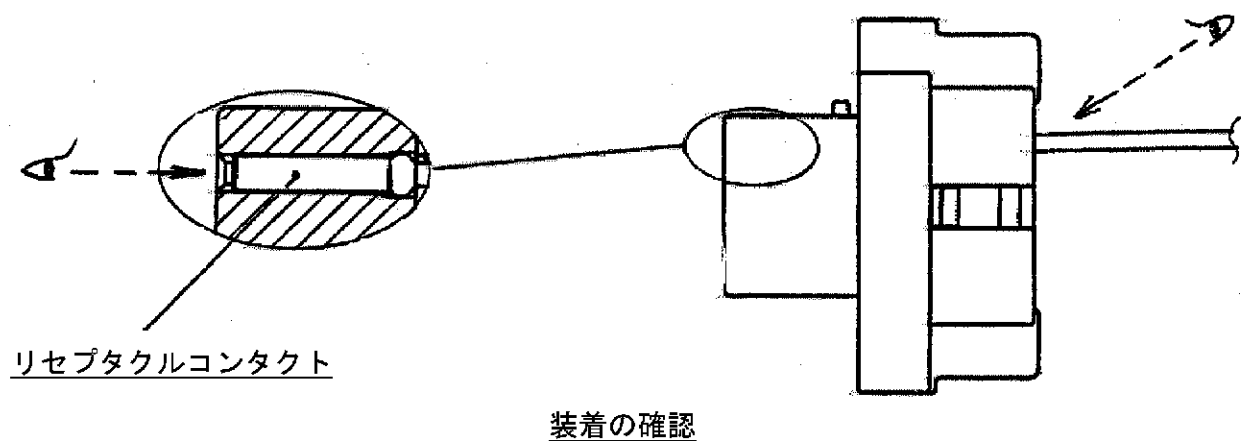


ハウジングの確認

- コントクトは図のように圧着部付近を支持し、ハウジングに対しできるだけ垂直に挿入すること。(中途半端な挿入はせず、コントクトがつきあたるまで力を加える。)



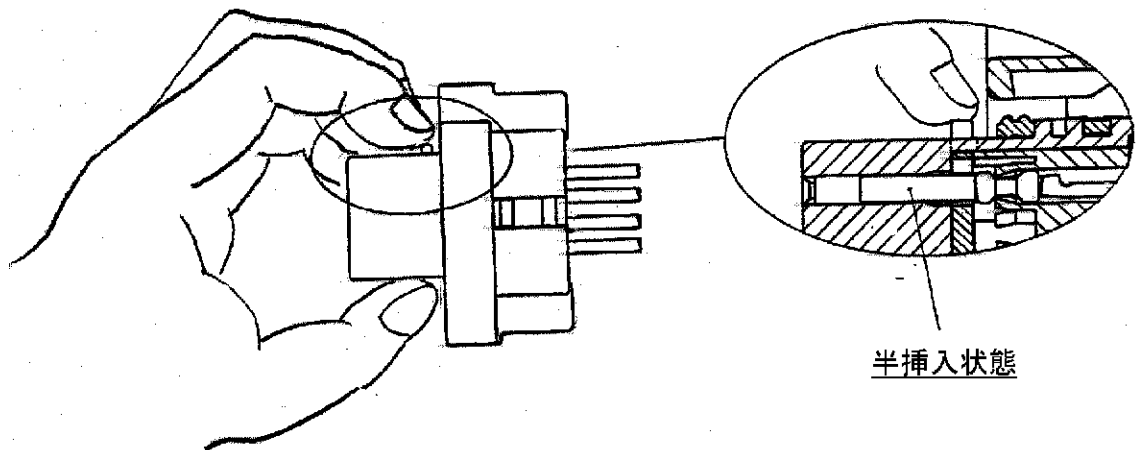
- コントクトが正規位置にあるかを目視にてコネクタ嵌合面(斜め方向)及びコントクト挿入面から確認すること。
- コントクトを誤ったポジションに装着した場合、5項に従い脱却を行ない装着し直す。



- コントクトの挿入が完了したら入れ忘れたポジションがないか確認する。(埋栓の入れ忘れに注意する。)

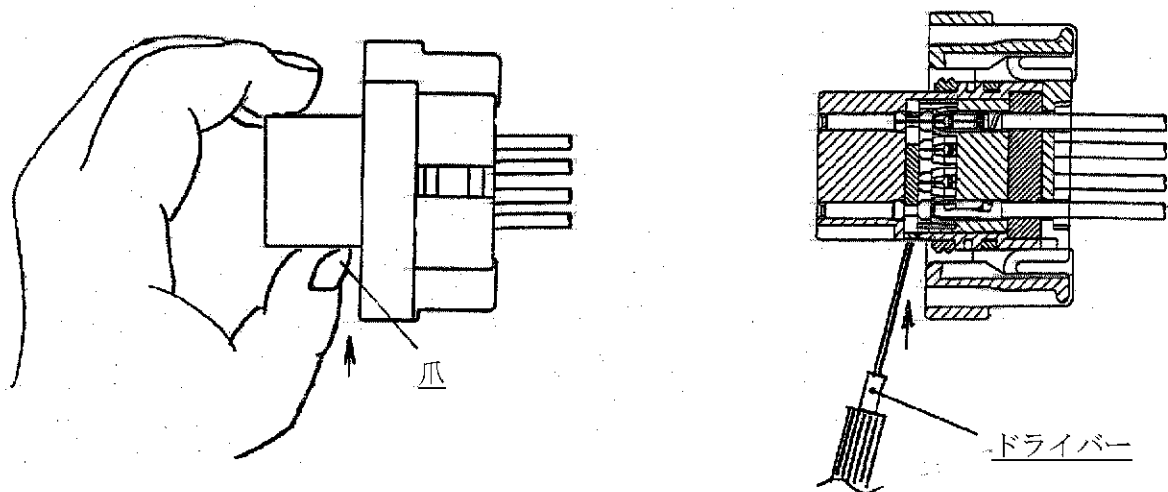
4. コンタクトの最終係止

- コンタクトの装着がすべて完了したら、ファイナルロック “ツメ” を指で2箇所同時に押し込みロックする。(ラッチ感を確認) 途中でつかえた場合は、コンタクトの半挿入を検知しているので無理な力を加えず再度コンタクトが正規位置にあるか装着の確認をする。

コンタクトのロック

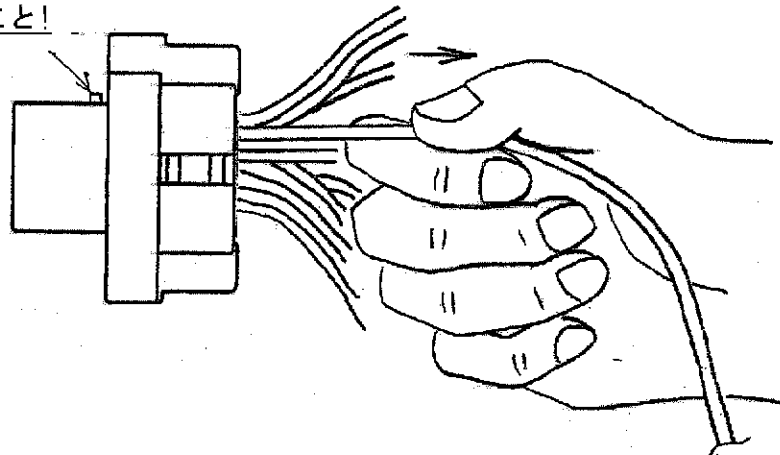
5. コンタクトの脱却

- すでにファイナルロックを押し込んでいる場合は、ハウジングのファイナルロックの解除側 (1箇所) を指の爪あるいは小型のマイナスドライバー等の工具により押し上げる。(ラッチ感を確認、ファイナルロックの解除は10回を限度とする。)

ロックの解除

- ファイナルロック “ツメ” が2箇所共とび出していることを確認し脱却したいコンタクトに圧着された電線をハウジングに対しできるだけ垂直に引き抜く。
(一つのポジションに対する脱却は3回を限度とする。)

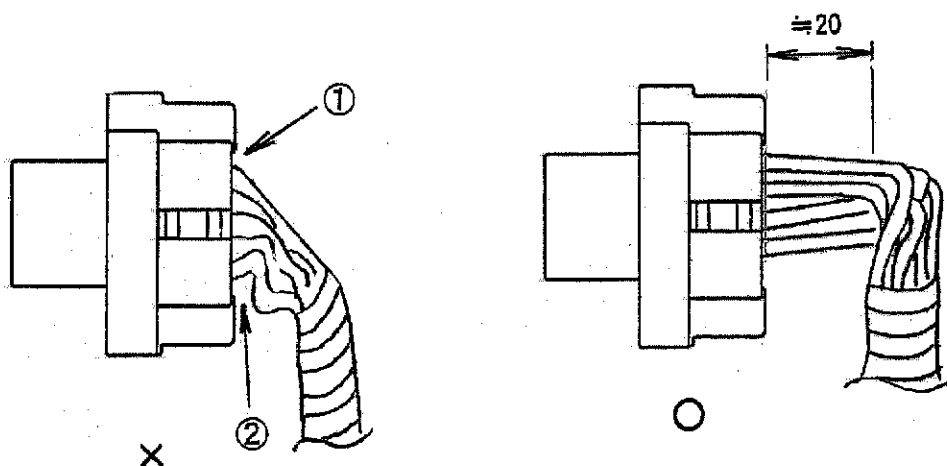
必ずとび出していること!



コンタクトの脱却

6. その他

- 電線結束（テーピング等）は任意の一本に引張力が加わらぬようにすること。
- また、電線を90° 程度曲げる場合は曲げ位置はコネクタより20mm程度離れた位置で行ない、①曲げの外側の電線が引張り力を受けぬよう、また②内側の電線がコネクタ側へ荷重が加わり変形するのを防ぐよう曲げ形状、結束位置等考慮する。



電線の曲げ

- ハウジングは分解しないこと。