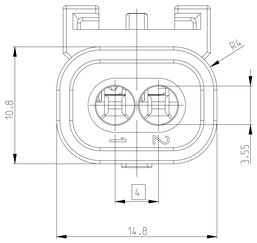
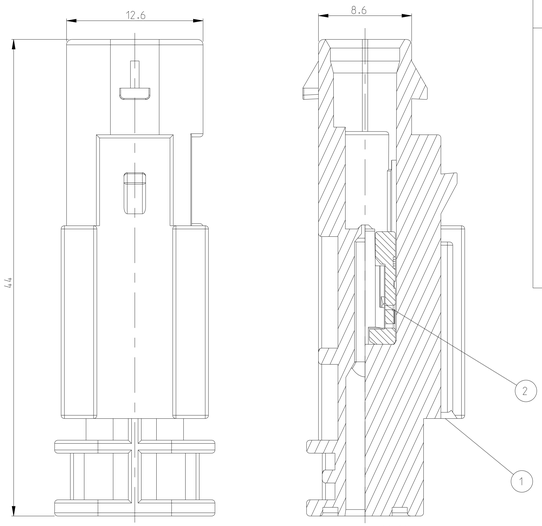
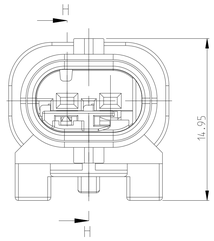
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SHOWN 1-1703498-1

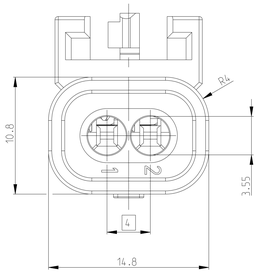


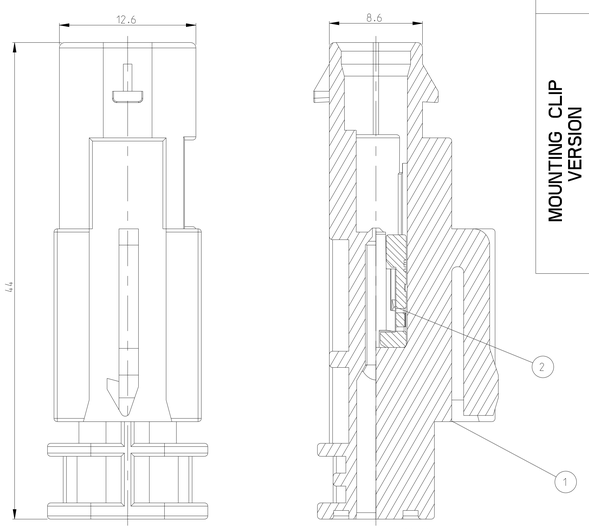


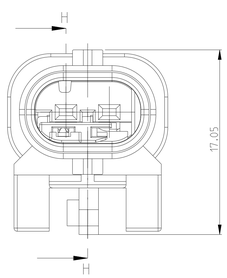


Coding	2:1
A	1-1703498-1 - BLACK 5-1703498-1 - BLUE
B	2-1703498-1 - GREY
C	3-1703498-1 - BLACK
Z	4-1703498-1 - BLACK
MOUNTING CLIP VERSION	I MOUNTING CLIP VERSION I EWCAP-005-11

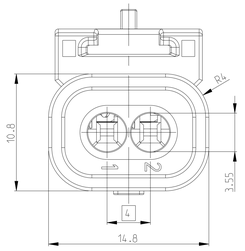
SHOWN 1-1703498-2



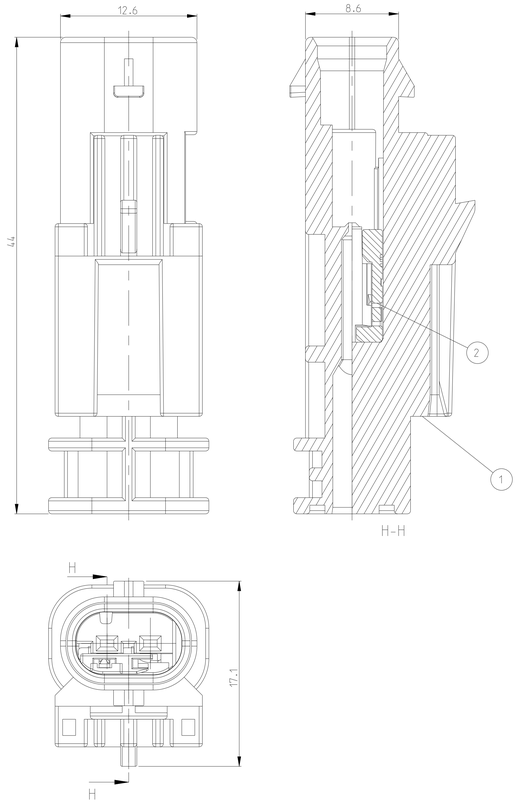




Coding	2:1
A	1-1703498-2 - BLACK
B	2-1703498-2 - GREY
C	3-1703498-2 - BLACK
Z	4-1703498-2 - BLACK
MOUNTING CLIP VERSION	II MOUNTING CLIP VERSION II



SHOWN 1-1703498-3

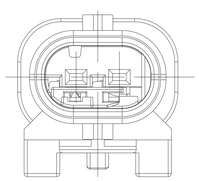


Coding	2:1
A	1-1703498-3 - BLACK 1-1703498-4 - YELLOW
B	2-1703498-3 - GREY 2-1703498-4 - YELLOW
C	3-1703498-3 - BLACK
Z	4-1703498-3 - BLACK
MOUNTING CLIP VERSION	III MOUNTING CLIP VERSION III EWCAP-005-7

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C5	PCN-E-15-003920	19MAR2015	MT	HR
	C6	COLOR CORRECTION	06APR2017	LSZ	RT
	C7	REVISE PER ECN: EEN-23-224821	02AUG2023	LSZ	SzN
	C8	REVISE PER ECN: EEN-24-227508	03DEC2024	GB	SzN

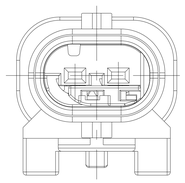
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

RETAINER IN PRE LOCKED POSITION
2. Kontaktsicherung in Vorraststellung



RETAINER MOVING DIRECTION
2. Kontaktsicherung Verschiebeweg

RETAINER IN FINAL LOCKED POSITION
2. Kontaktsicherung in Endraststellung



USED MCON 1.2mm LL MALE TERMINALS AND SEALS			
TE-PN. TERMINALS	WIRE RANGE	TE-PN. SINGLE WIRE SEAL	TE-PN. BLIND PLUG
2141868	0.08 - 0.22mm²	967067-2	967056-1
1718758	0.25 - 0.35mm²	967067-2	
1718760	0.5 - 0.75mm²	967067-1	
1718762	1mm²	967067-1	
TERMINAL TE-APPLICATION SPEC.: 114-18464			

SUITABLE FEMALE MSG. PASSENDE BUCHSENGEH.	Bestell-Nr. ORDER-NO.	TE IDs ON THE M.HOUSING	ASSY REV.	CODE	M.CLIP VERS.	Benennung TITLE	QTY	Benennung Einzelteil TITLE	Werkstoff MATERIAL	Oberflaeche/Farbe SURFACE/COLOUR	Pos. ITEM
2-1670916-1	2-1703498-4	1703498 (2-1703499-4)	C	B	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	gelb/YELLOW	1b
1-1670916-1	1-1703498-4	1703498 (1-1703499-4)	C	A	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	gelb/YELLOW	1a
-	4-1703498-3		C	Z	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1z
-	3-1703498-3		C	C	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1c
2-1670916-1	2-1703498-3	1703498 (2-1703499-3)	C	B	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	grau/GREY	1b
1-1670916-1	1-1703498-3	1703498 (1-1703499-3)	C	A	III	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1a
-	4-1703498-2		C	Z	II	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1z
-	3-1703498-2		C	C	II	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1c
2-1670916-1	2-1703498-2	1703498 (2-1703499-2)	C	B	II	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	grau/GREY	1b
1-1670916-1	1-1703498-2	1703498 (1-1703499-2)	C	A	II	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1a
1-1670916-1	5-1703498-1	1703498 (5-1703499-1)	C	A	I	Stiftgehaeuse 2pol. MALE HOUSING 2POS	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	blau/BLUE	1a
-	4-1703498-1		C	Z	I	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1z
-	3-1703498-1		C	C	I	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1c
2-1670916-1	2-1703498-1	1703498 (2-1703499-1)	C	B	I	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	grau/GREY	1b
1-1670916-1	1-1703498-1	1703498 (1-1703499-1)	C	A	I	Stiftgehaeuse 2pol. MALE HOUSING 2POS.	1	Kontaktsicherung RETAINER	PA66-GF35	violett/VIOLET	2
							1	Stiftgehäuse MALE HOUSING	PBT-GF30	schwarz/BLACK	1a

REGRIND MAX. 25%

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.5
1 PLC ±0.5
2 PLC ±0.5
3 PLC ±0.5
4 PLC ±0.5
ANGLES ±1°

MATERIAL: TBD
FINISH: -
-

DWN A. LOESER 19JUN2007
CHK H. RIPPER 19JUN2007
APVD G. MUMPER
PRODUCT SPEC 108-94177
APPLICATION SPEC 114-18910-1
WEIGHT 4.48g

TE Connectivity

NAME MALE HOUSING, 2 POS. MCON 1.2 mm LL SEALED ASSY

SIZE A0 | CAGE CODE 00779 | DRAWING NO C-1703498 | RESTRICTED TO

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV C8

4806 (3/13)

1.2mm MCON LL SEALED MALE HOUSINGS FAMILY

TABLE OF CONTENTS

1 GENERAL
1.1 PURPOSE
1.2 CUSTOMER DRAWINGS
1.3 SPECIFICATION

2 MALE HOUSING FAMILY OVERVIEW

3 MALE HOUSING
3.1 DELIVERY STATUS
3.2 HOUSING LOADING WITH TERMINALS
3.3 ADDITIONAL INSTRUCTION FOR 2 WAY (VERSION RETAINER MOVING)
3.4 RETAINER IN ENDLOCK POSITION
3.5 DEMOUNT TERMINAL OUT OF THE HOUSING

4 MATING AND UNMATING OF THE CONNECTORS
4.1 MATING
4.2 UNMATING

5 MOUNTING PROVISIONS
5.1 MOUNTING PROVISION VERSION 1
5.2 MOUNTING PROVISION VERSION 2

6 MOUNTING COLLAR FOR CORRUGATED TUBE CLIP

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1 GENERAL

1.1 PURPOSE

THIS SPECIFICATION DESCRIBES THE 1.2mm MCON LL SEALED HOUSING FAMILY:

- MATING AND UNMATING OPERATIONS
- INSERTION AND REMOVAL OF THE TERMINAL

1.2 CUSTOMER DRAWING

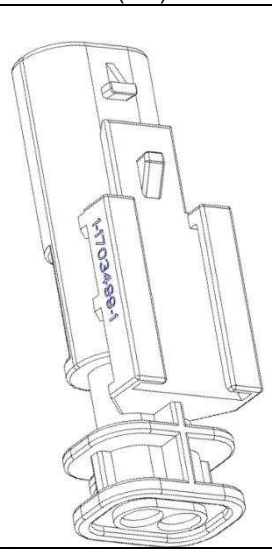
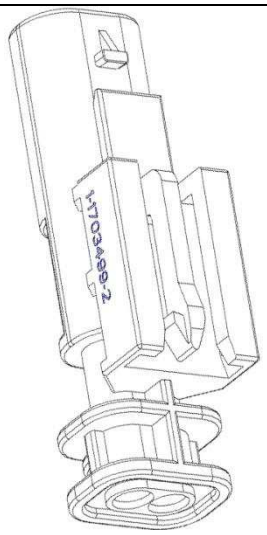
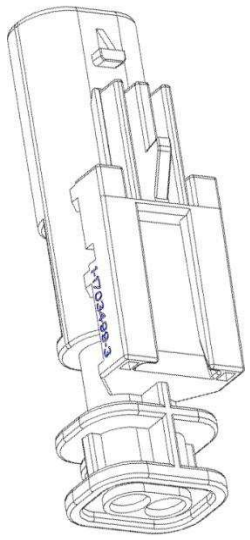
THIS APPLICATION SPECIFICATION IS BASED ON THE LATEST VALID CUSTOMER DRAWING:

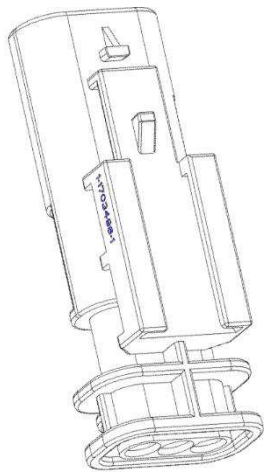
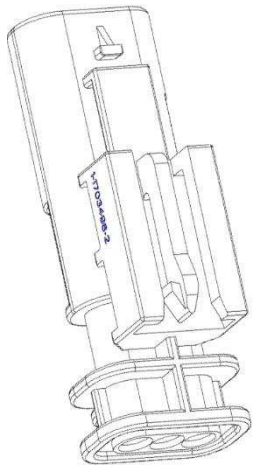
1703498	SEALED, 2WAY, MCON 1.2mm, TAB HOUSING
2236952	High Temp. Version available
1703494	SEALED, 3WAY, MCON 1.2mm, TAB HOUSING
2236953	High Temp. Version available
1564559	SEALED, 4WAY, MCON 1.2mm, TAB HOUSING
2141520	SEALED, 5WAY, MCON 1.2mm, TAB HOUSING
2236952	High Temp. Version available
2141324	SEALED, 6WAY, MCON 1.2mm, TAB HOUSING
1703506	SEALED, 8WAY, MCON 1.2mm, TAB HOUSING

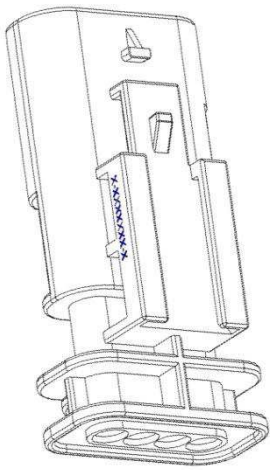
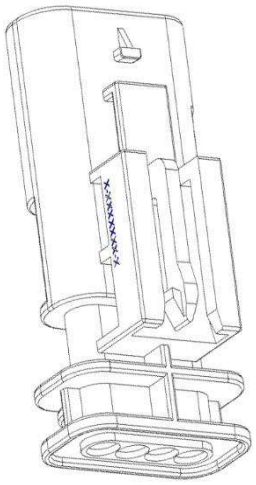
1.3 SPECIFICATION

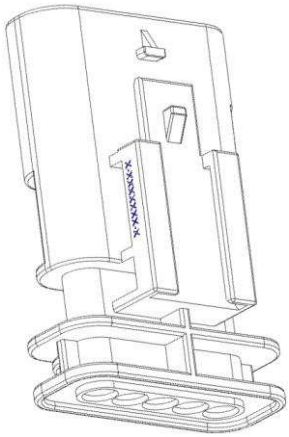
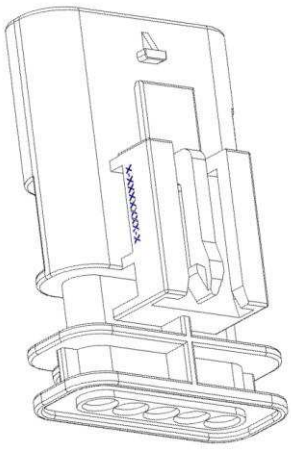
TERMINAL APPLICATION SPEC.	114-18464
TERMINAL PRODUCT SPEC.	108-18782
MALE HOUSING PRODUCT SPEC.	108-94177
MALE HOUSING INSTRUCTION SHEET	114-94062

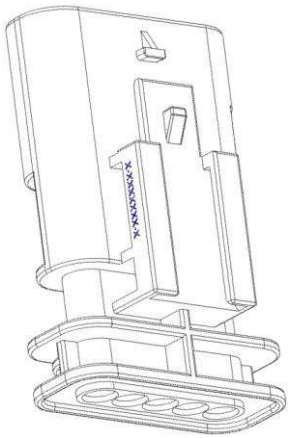
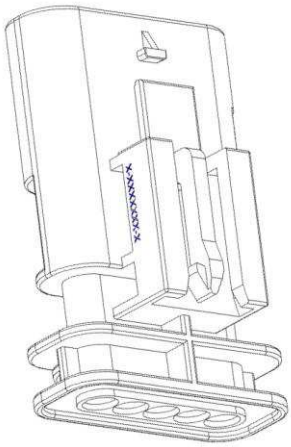
2. MALE HOUSING OVERVIEW

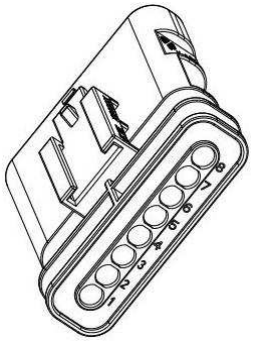
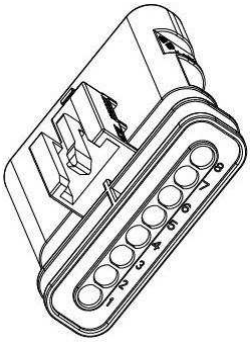
Male Housing Assembly			
	PN		
2 WAY	1-1703498-1	1-1703498-2	1-1703498-3
	2-1703498-1	2-1703498-2	1-1703498-4 (GM)
	1-2236952-5 (HT)*	1-1703498-5 (VW)	2-1703498-3
	2-2236952-5 (HT)*		2-1703498-4 (GM)
	2-2236952-6 (HT)*		
			

	PN		
3 WAY	1-1703494-1	1-1703494-2	
	1-1703494-4 (GM)	2-1703494-2	
	2-1703494-1		
	2-1703494-4 (GM)		
	1-2236953-5 (HT)*		
			

	PN		
4 WAY	1-1564559-1	1-1564559-2	
	2-1564559-1	2-1564559-2	
	1-1564559-4 (GM)		
	2-1564559-4		
	3-1564559-4 (GM)		
			

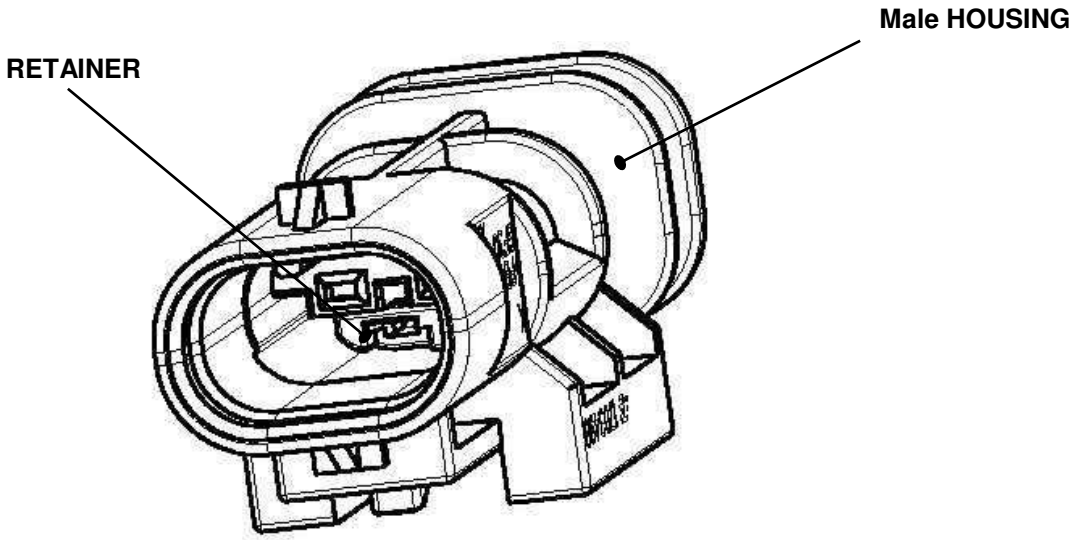
	PN		
5 WAY	1-2141520-1	1-2141520-2	
	1-2141520-4 (GM)	2-2141520-2	
	1-2236954-5		
	2-2141520-1		
	2-2236954-5 (HT)*		
	2-2236954-6 (HT)*		
			

	PN		
6 WAY	1-2141324-1 1-2141324-4 (GM) 1-2141324-5 (GM)	**1-2141324-2**	
			

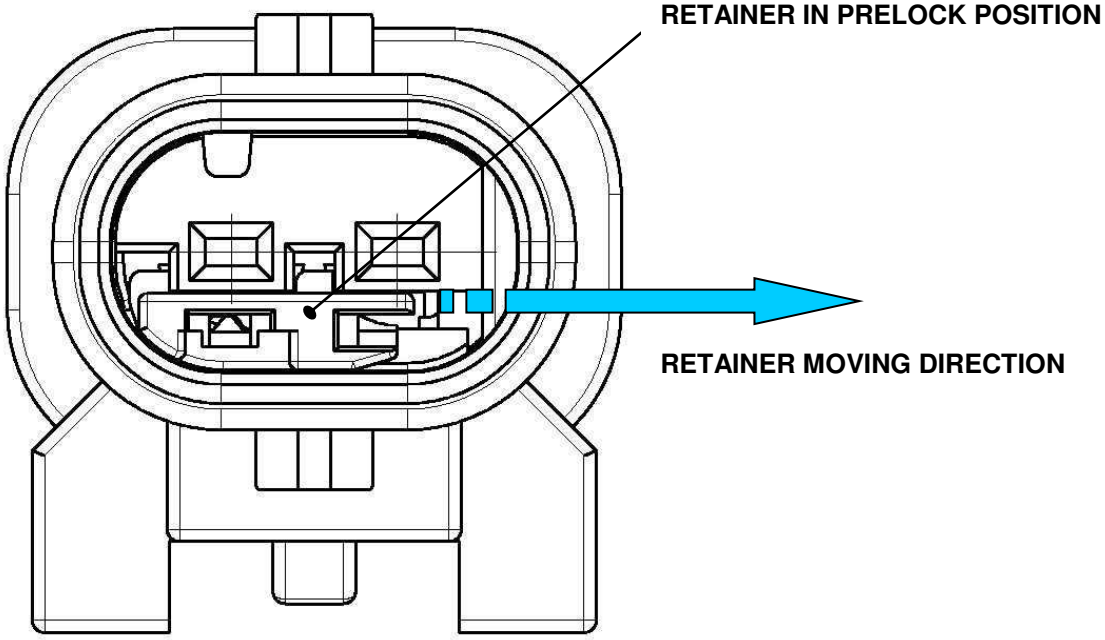
	PN		
8 WAY	1-1703506-1	1-1703506-2	
			

*- High temperature connector, up to 150°C

3 MALE HOUSING ASSEMBLY



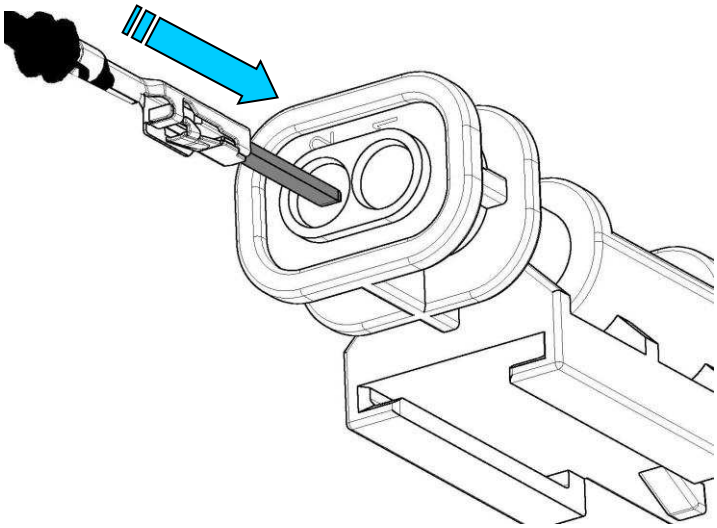
3.1 DELIVERY STATUS



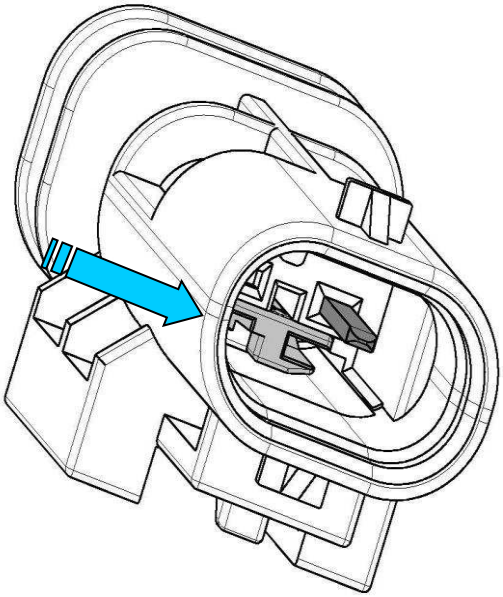
3.2 MALE TERMINAL LOADING

ONLY POSSIBLE WITH RETAINER IN PRELOCK POSITION (3.1)

STEP 1 MOVE THE TERMINAL WITH SWS IN THIS DIRECTION UNTIL THE TERMINAL LOCKS

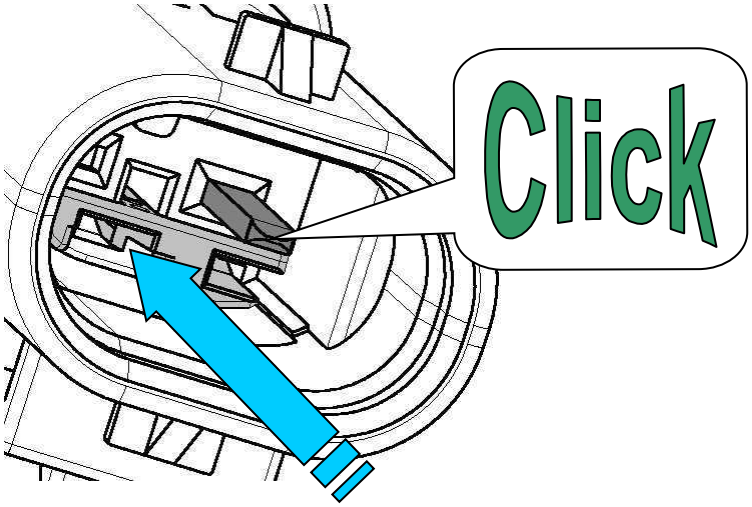


STEP 2 RETAINER PUSHING DIRECTION



STEP 3

RETAINER IS IN ENDLOCK POSTION,
TERMINAL IS FIXED



GAP FOR RETAINER SWITCHING TOOL

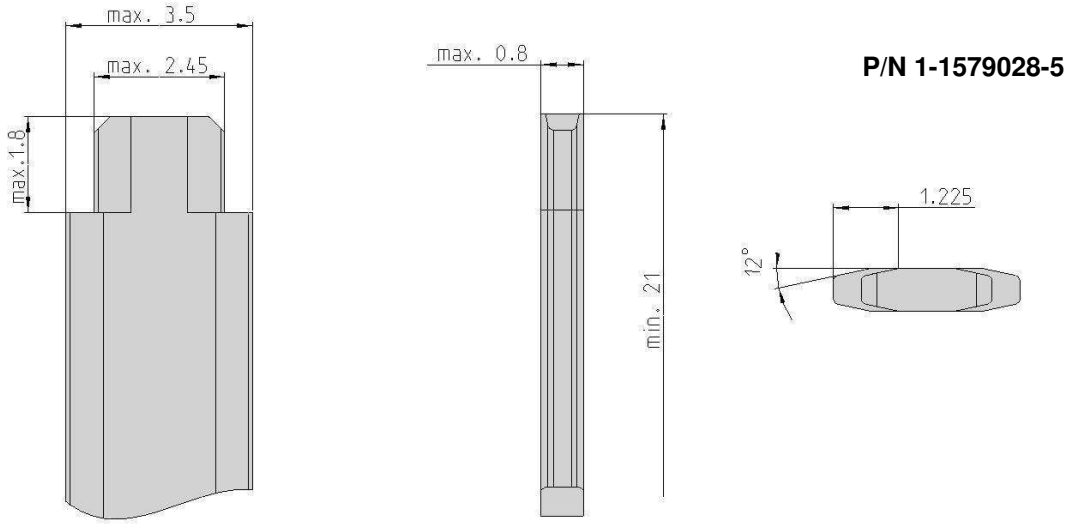
a1.) Recommended retainer switching tool for 2-way male housings:

New retainer switching tool is availlable
for 2-way hsg male housing

NEW PN: 9-1579028-2

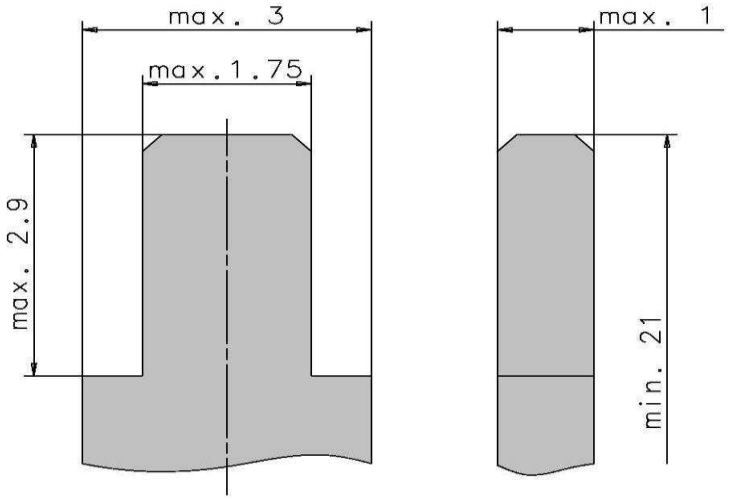


a2.) PROPOSAL FOR 2-WAY. MALE HOUSING RETAINER SWITCHING TOOL (OLD TOOL)



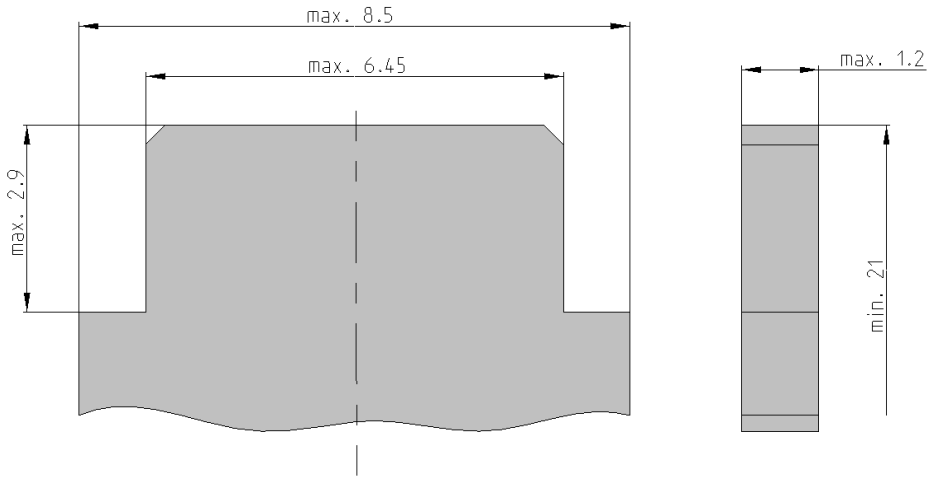
P/N 1-1579028-5

b.) PROPOSAL FOR 3-WAY. MALE HOUSING RETAINER SWITCHING TOOL



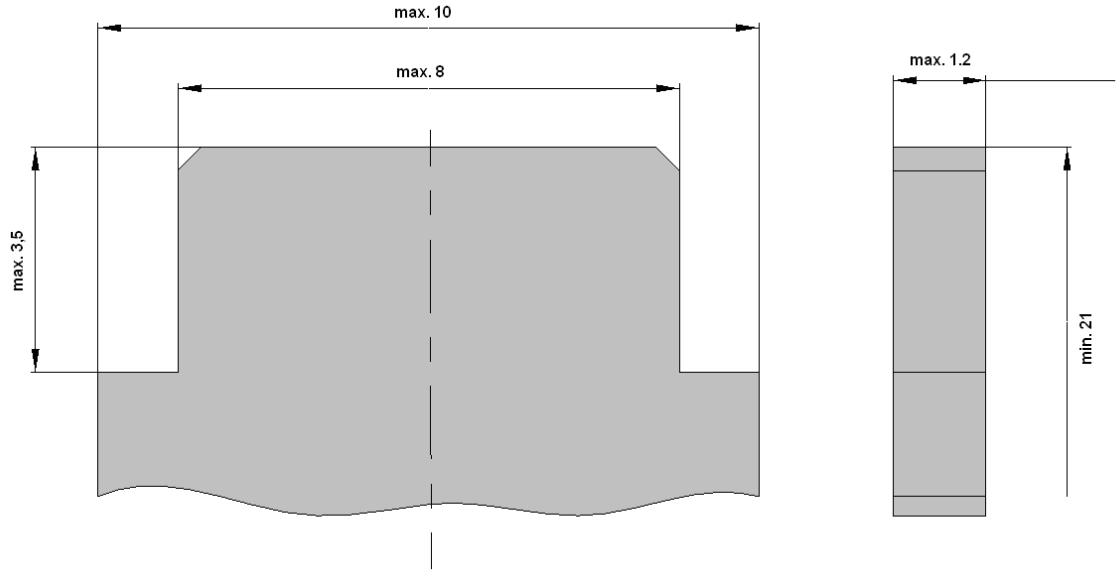
P/N 3-1579028-4

c.) PROPOSAL FOR 4-WAY. MALE HOUSING RETAINER SWITCHING TOOL



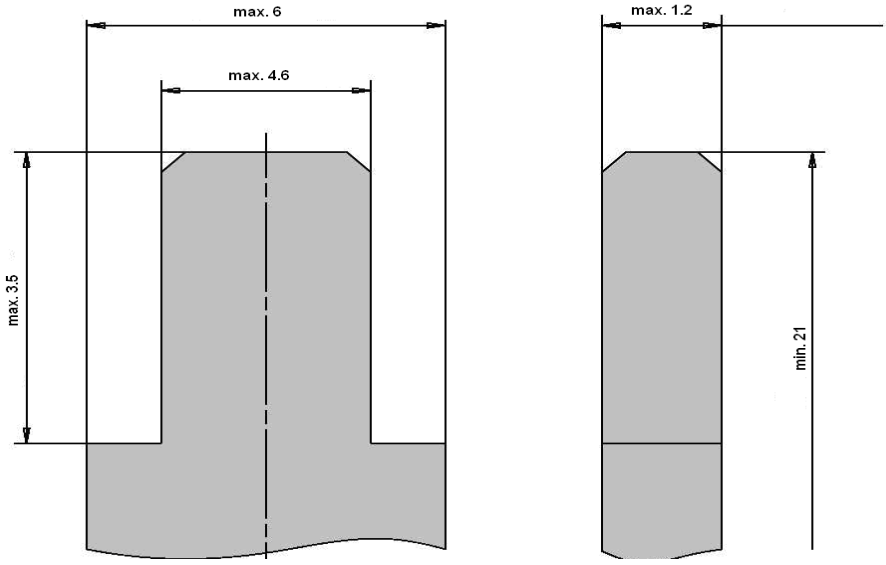
P/N 3-1579028-5

d.) PROPOSAL FOR 5 WAY. MALE HOUSING RETAINER SWITCHING TOOL



P/N 3-1579028-6

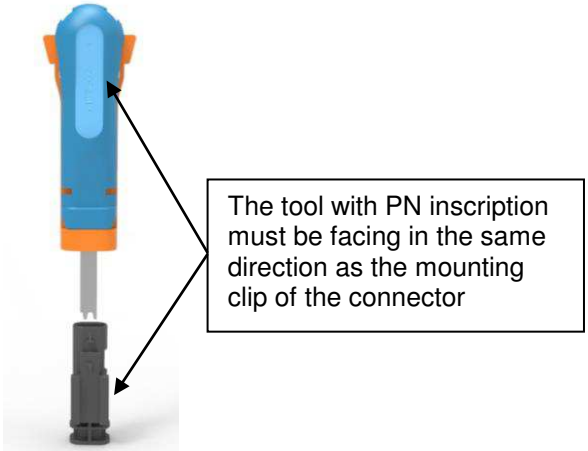
e.) PROPOSAL FOR 6 WAY. MALE HOUSING RETAINER SWITCHING TOOL



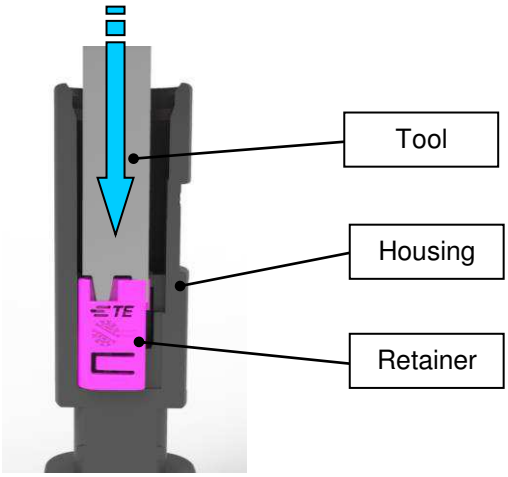
P/N 3-1579028-7

3.3 ADDITIONAL INSTRUCTION FOR 2-WAY VERSION

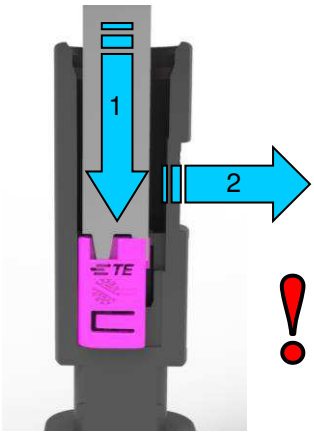
3.3.1 Instruction for the NEW 2-way switching tool PN 9-1579028-2



Step 1: place the tool above the connector



Step 2: Fit the tool in the slot of the retainer

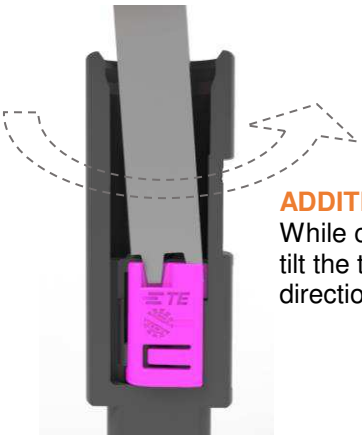


Step 3: Close the retainer

1. Push the retainer slightly in bottom direction.
2. Move the retainer to end lock position. **A "CLICK" sound should be heard when the retainer is closed.**

IMPORTANT:

- Movement 1 and 2 **must be performed simultaneously**
- the fitment/orientation of the tool is important



ADDITIONAL TIP:
While closing the retainer, tilt the tip of the tool in the direction of the movement.

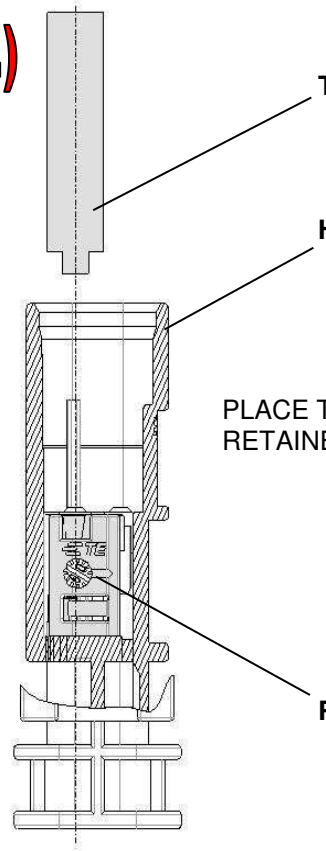
The alignment of the tool in the slot of the retainer is very important





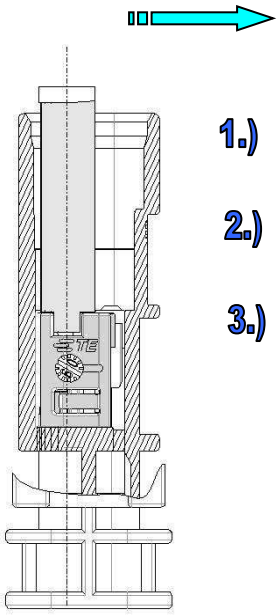
3.3.2 Instruction for the OLD 2-way switching tool PN 1-1579028-5

a.)



PLACE TOOL ABOVE RETAINER

b.)



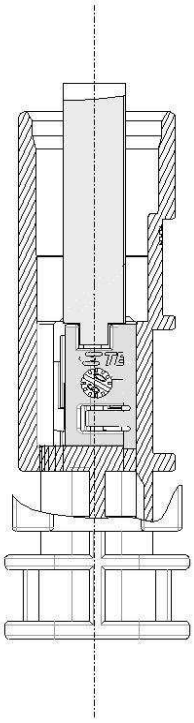
1.) FIT THE TOOL AT SLOT OF RETAINER

2.) PUSH THE RETAINER SLIGHTLY TO BOTTOM DIRECTION

3.) MOVE RETAINER TO THE ENDLOCK POSITION. **A "CLICK" SOUND SHOULD BE HEARD WHEN THE RETAINER IS CLOSED.**

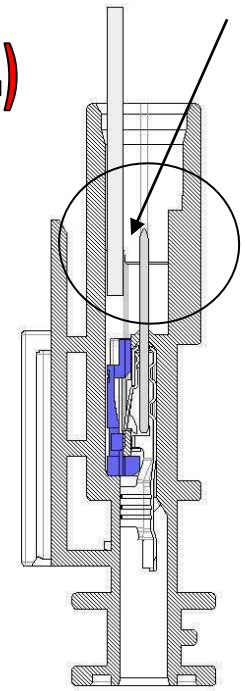
IMPORTANT: STEP 2.) AND 3.) **MUST BE PERFORMED SIMULTANEOUSLY.**

c.)



RETAINER IS IN ENDLOCK POSITION TERMINALS ARE FIXED

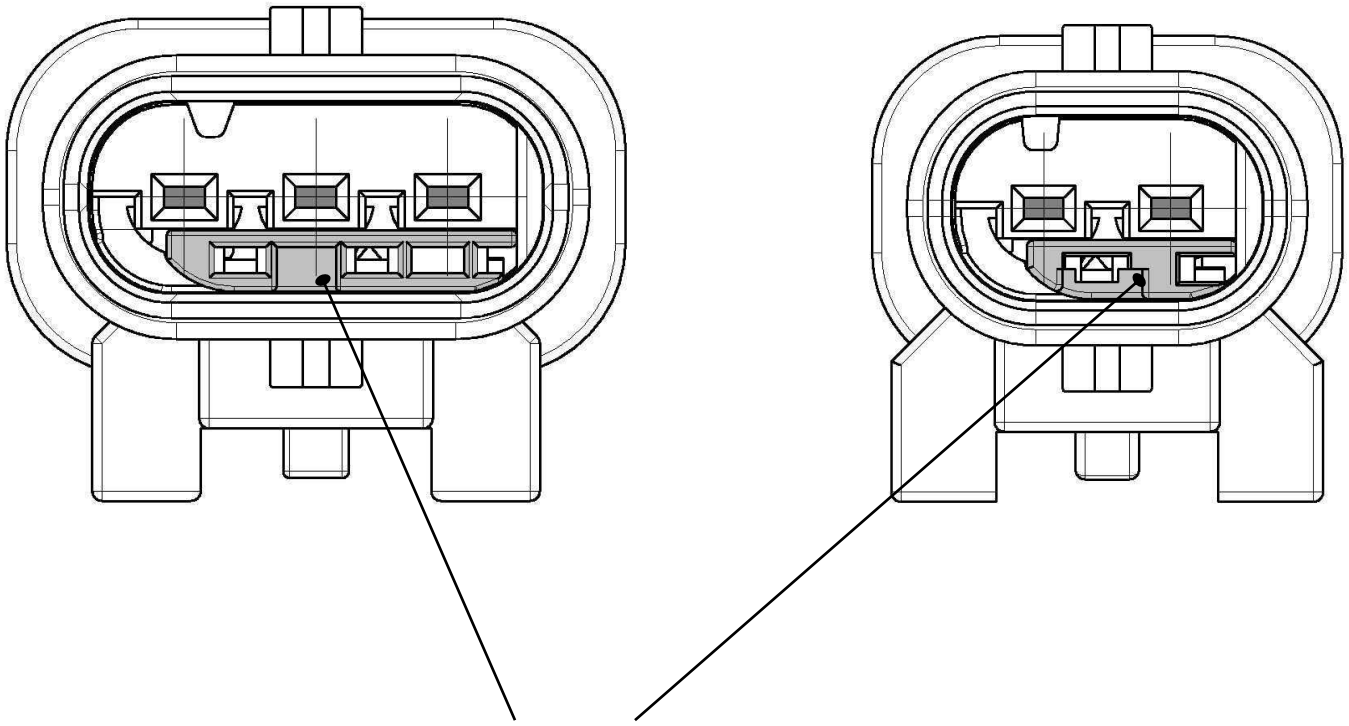
d.)



CLEARANCE IS NECESSARY

DO NOT TOUCH THE PINS WITH THE TOOL

3.4 RETAINER IN ENDLOCK POSITION

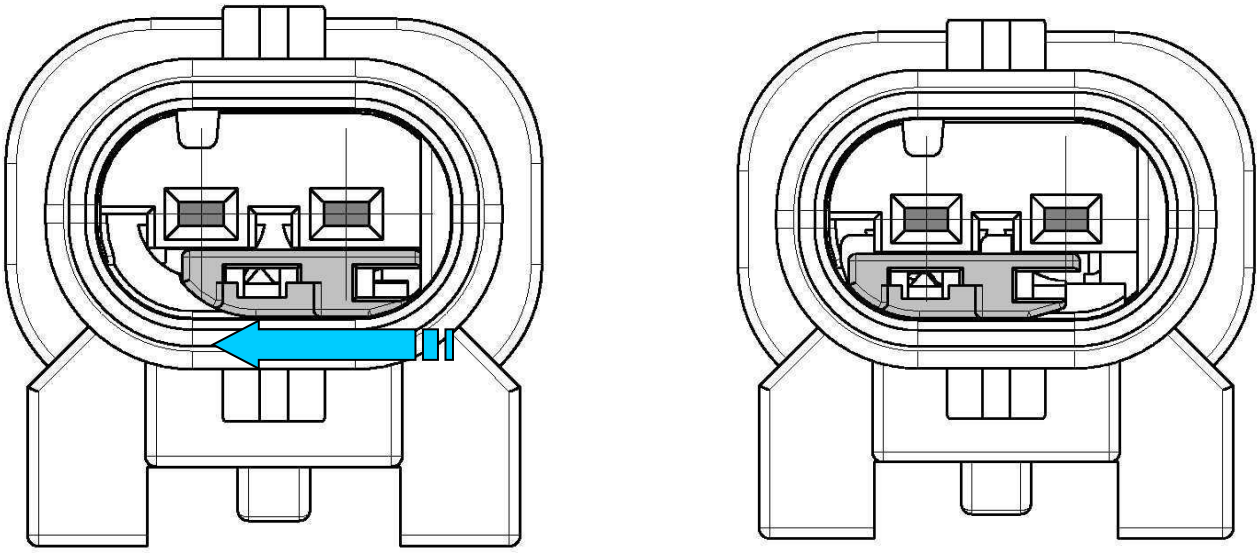


RETAINER IS IN ENDLOCK
POSTION, TERMINALS ARE FIXED

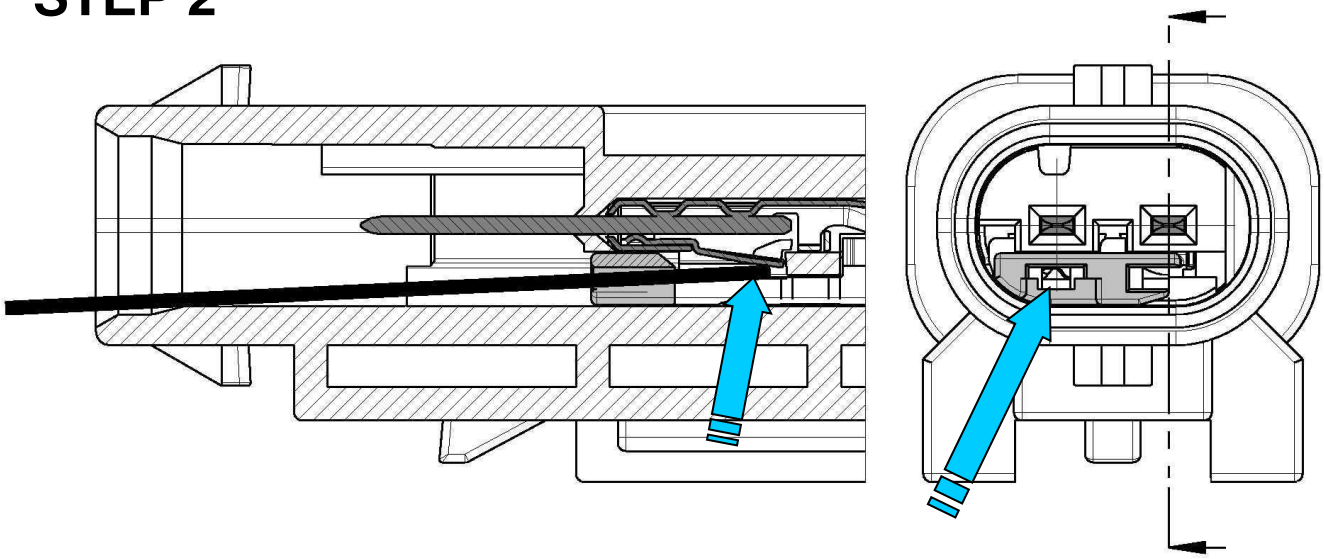
RETAINER HAS TO BE FULLY LOCKED;
IF NOT POSSIBLE, THE TERMINAL IS MISPLACED

3.5 DEMOUNT TERMINAL OUT OF THE HOUSING

STEP 1 RETAINER FROM ENDLOCK POSITION BACK TO PRELOCK POSITION WITH SWITCHING TOOL

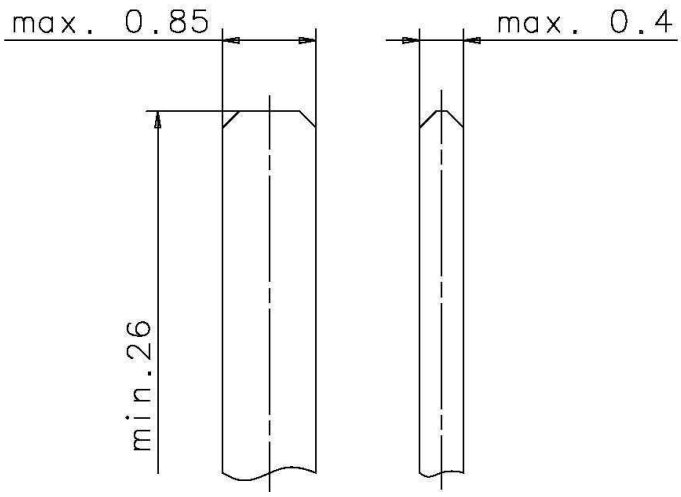


STEP 2 PUSH DIRECTION OF TERMINAL EXTRACTION TOOL



INSERT THE EXTRACTION TOOL THROUGH THIS GAP AND PUSH THE TERMINAL SPRING

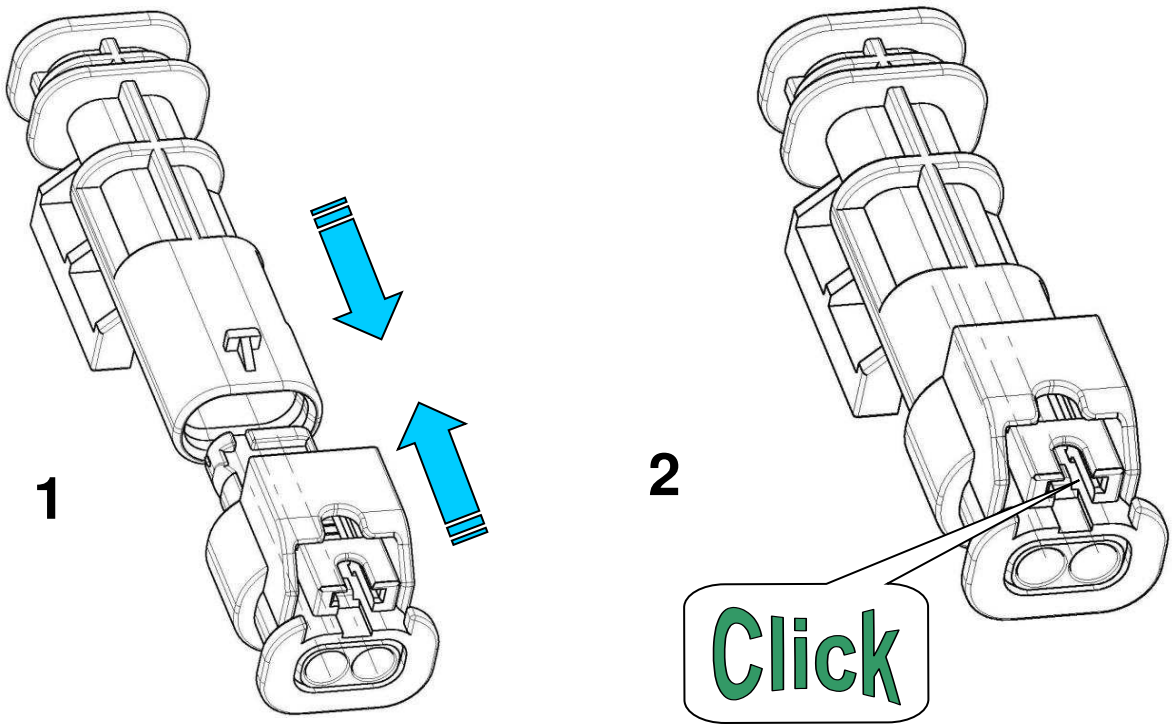
3.4.1



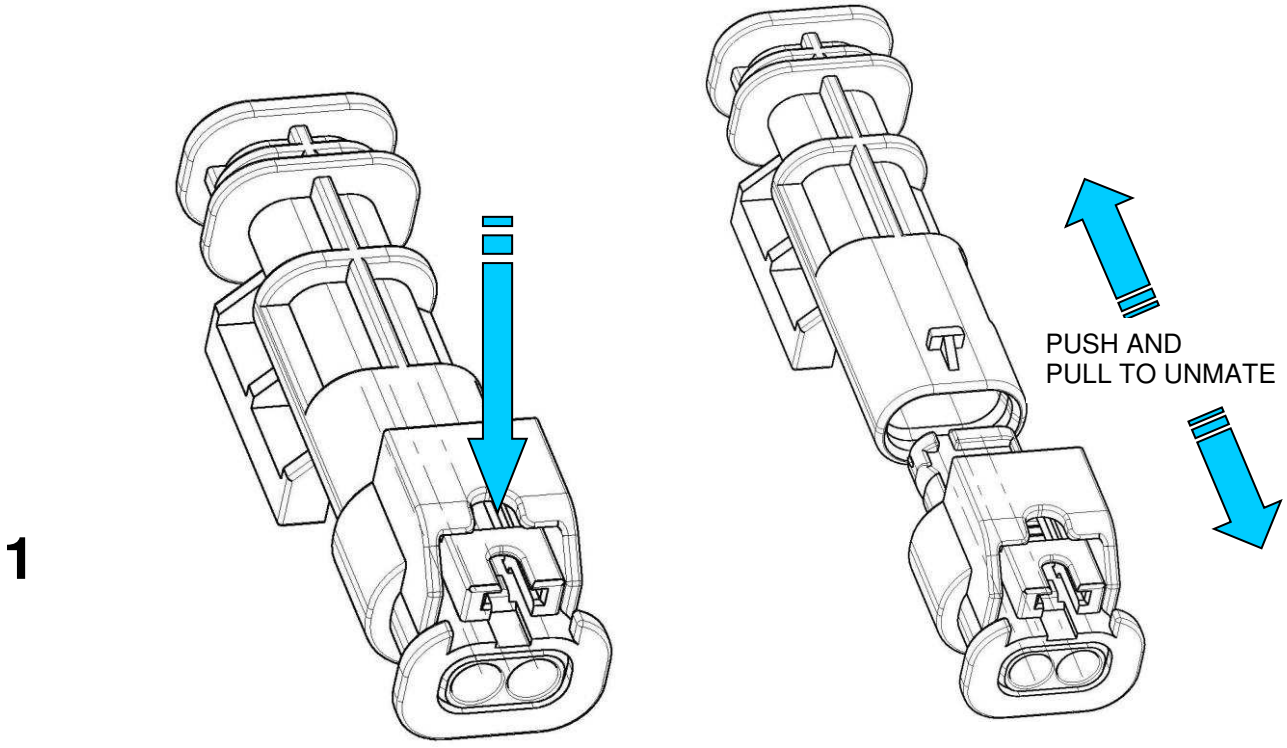
P/N 3-1579028-8

4 MATING AND UNMATING THE 1.2mm MCON INLINE CONNECTION

4.1 MATING



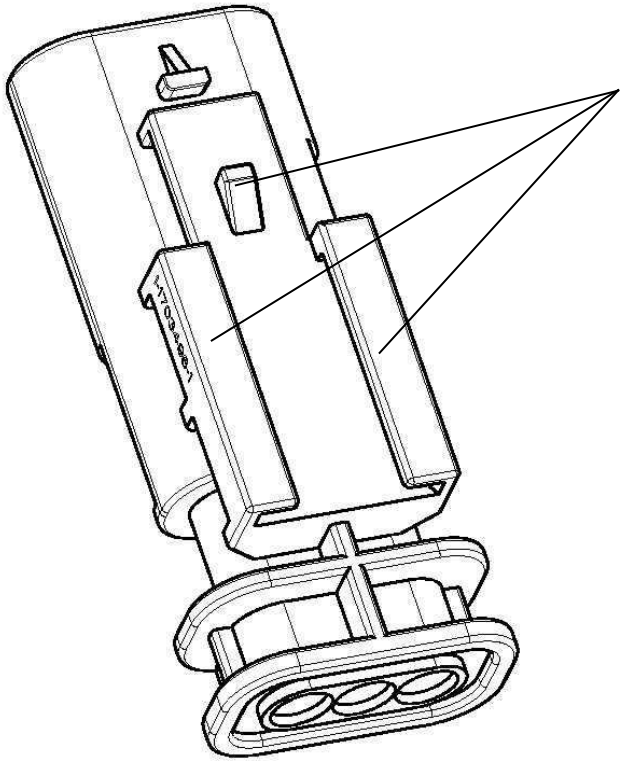
4.2 UNMATING



5. MOUNTING PROVISIONS

5.1 MOUNTING PROVISION VERSION 1

IT IS POSSIBLE TO MOUNT THE CONNECTOR TO THE BODY SHEET BY USING VARIOUS CLIPS,
E.G.: FORD PN 1S7T-14197-JA, FORD PN W709152, FORD PN W700475, VW PN N 907 136,ETC.

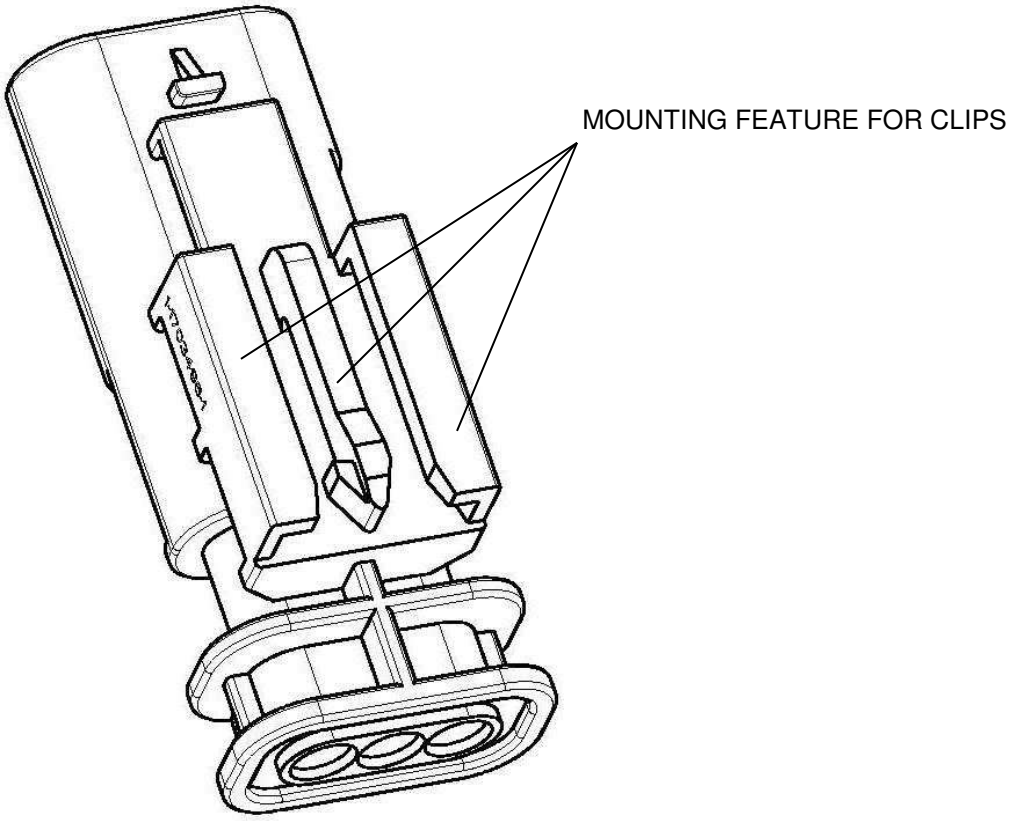


NOTE:

DUE TO THE FACT THAT THERE ARE VARIOUS MOUNTING CLIPS AVAILABLE ON THE MARKET, THE APPLICABILITY OF ANY OTHER CLIPS HAS TO BE CHECKED , ON THE PART, BY THE USER
(E.G. HARNESSMKER)

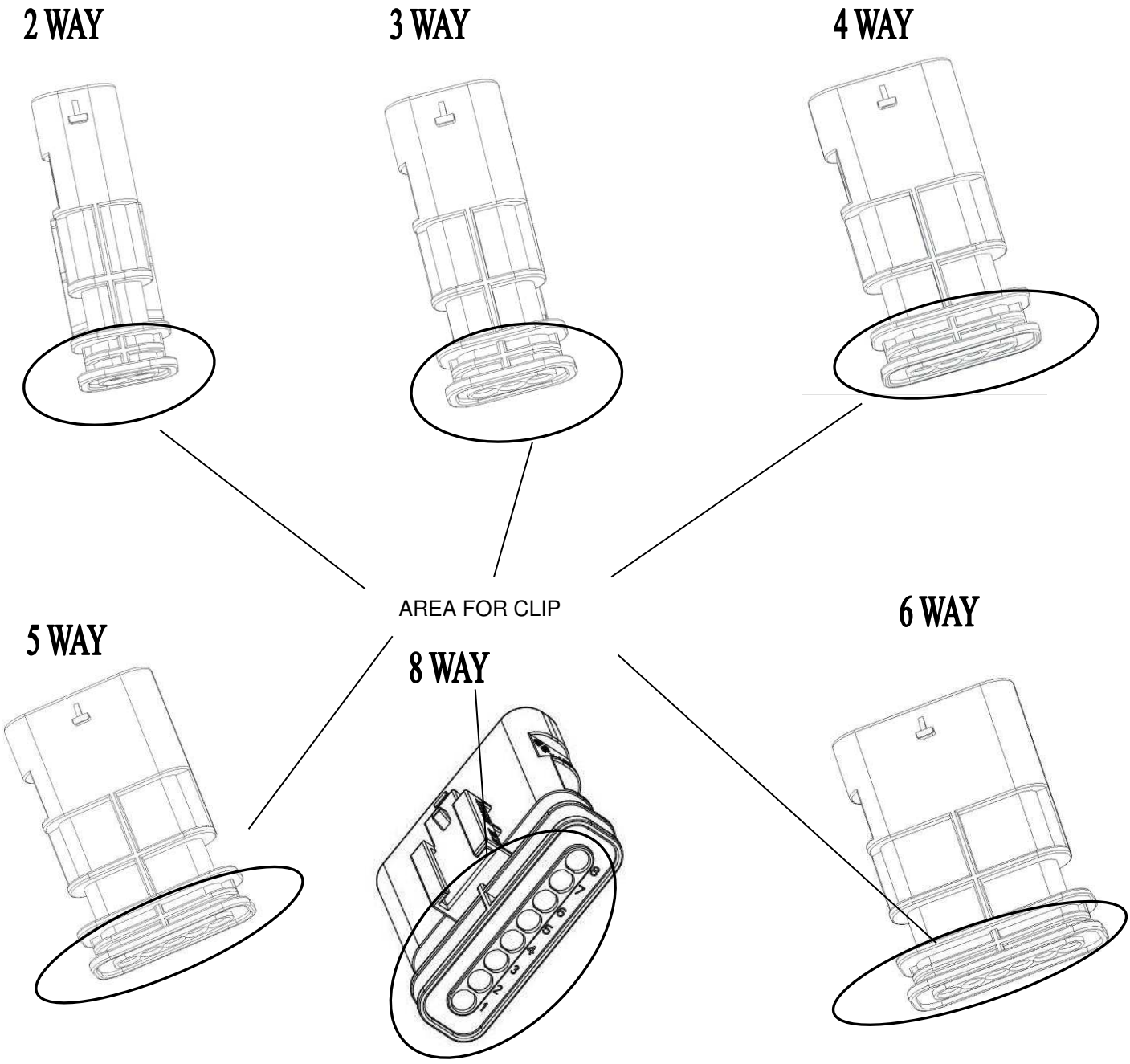
5.2 MOUNTING PROVISION VERSION 2

ADDITIONAL POSSIBILITY TO MOUNT THE CONNECTOR AT THE BODY.



NOTE: LOCATOR ACCORDING 114-18063-2

6. MOUNTING SKIRT FOR CORRUGATED TUBE CLIP



	NAME	DATE	ORIGINAL FILE	
CREATED	A.Löcser	04APR2008	Doc-Manager	
CHECKED				
CHANGE HISTORY	NAME	DATE	REV	CHANGE
	J. Reuß	19AUG2014	E	8 Way Housing version added
	G. Nagy	17FEB2016	E1	Application tools PN added / HT version PN added
	L. Székely	15NOV2019	F	Overview reordered + Small clarification done at retainer closing + New switching tool added
	L. Székely	02JUN2020	F1	Additional explanation added: “Click” noise note added