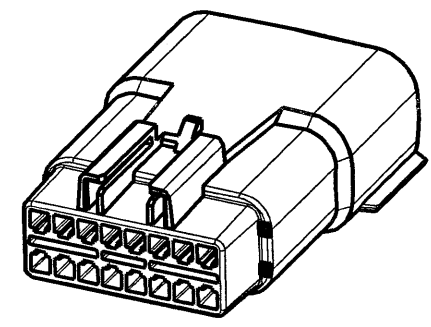
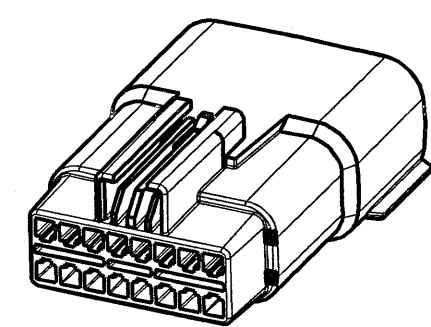
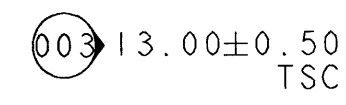
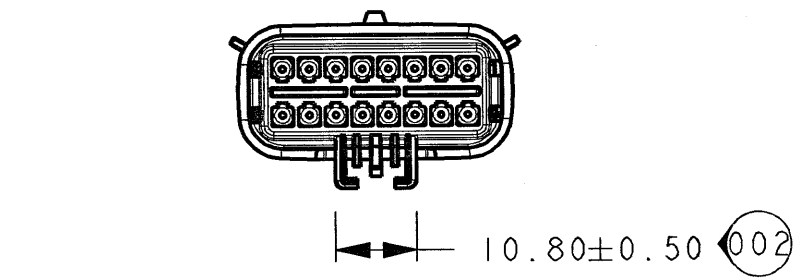


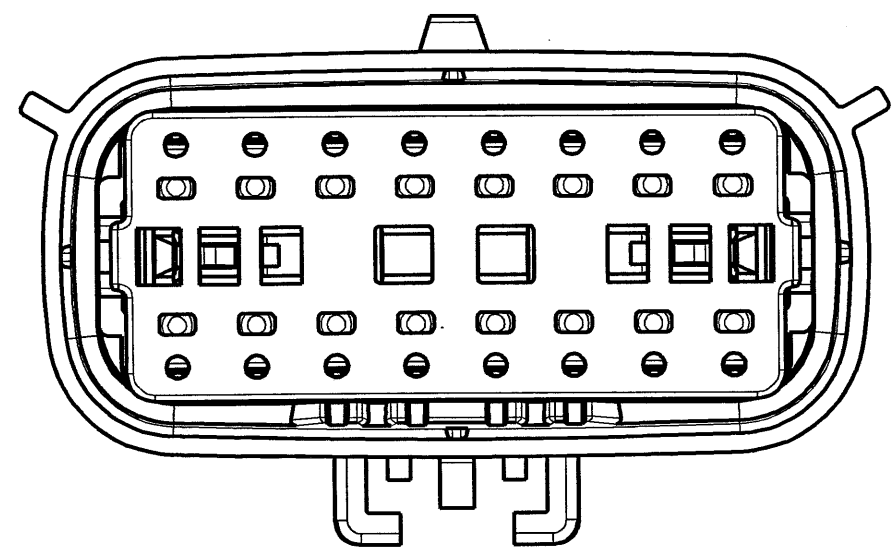
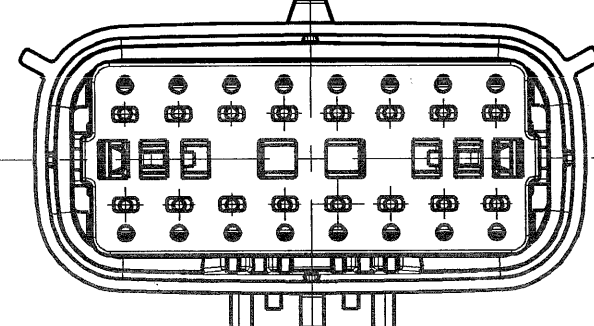
	23	22		21	20	19	18	17	16	15	14																			
	Assembly Numbers	PCL	Key Option	Color	Slot	Components			Plugged (X) Seal Positions																Total Circuits	Test Method	Mates With Assembly (Reference Only)			
						Housing	TPA	TCI	Mat Seal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15					16	
P	54241600	C	A	Black	1	54241658																						54241630	54241630N	
	54241601	C	B	Grey		54241659																						54241631	54241631N	
	54241602	C	C	Brown		54241660																						54241632	54241632N	
	54241603	C	D	Green		54241661																						54241633	54241633N	
	54241604	C	A	Black	2	54241662																						54241630	54241630N	
	54241605	C	B	Grey		54241663																						54241631	54241631N	
	54241606	C	C	Brown		54241664																						54241632	54241632N	
	54241607	C	D	Green		54241665																						54241633	54241633N	
	O	54241608	C	A	Black	1	54241650																						54241634	54241634N
		54241609	C	B	Grey		54241651																						54241635	54241635N
54241610		C	A	Black	2		54241654																					54241634	54241634N	
54241611		C	B	Grey			54241655																						54241635	54241635N
54241612		C	A	Black		1	54241650																					54241636	54241636N	
54241613		C	B	Grey			54241651																						54241637	54241637N
54241614		C	A	Black	2		54241654																					54241636	54241636N	
54241615		C	B	Grey			54241655																						54241637	54241637N
54241616		C	A	Black		1	54241650																					54241638	54241638N	
54241617		C	B	Grey			54241651																						54241639	54241639N
54241618	C	A	Black	2	54241654																							54241638	54241638N	
54241619	C	B	Grey		54241655																								54241639	54241639N
54241620	C	A	Black		1	54241650																						54241640	54241640N	
54241621	C	B	Grey			54241651																							54241641	54241641N
54241622	C	A	Black	2		54241654																						54241640	54241640N	
54241623	C	B	Grey			54241655																							54241641	54241641N
54241624	F																											54241642	54241642N	
54241625	F																											54241643	54241643N	
54241626	F																										54241644	54241644N		
54241627	G																													
54241628	G																													
55241606	G																													
55241607	G																													
55241608	G																													
55241609	H																													
55241610	H																													
55241611	H																													
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55241613	H																													
55241614	H																													
F845100	A																													
F896100	A																													



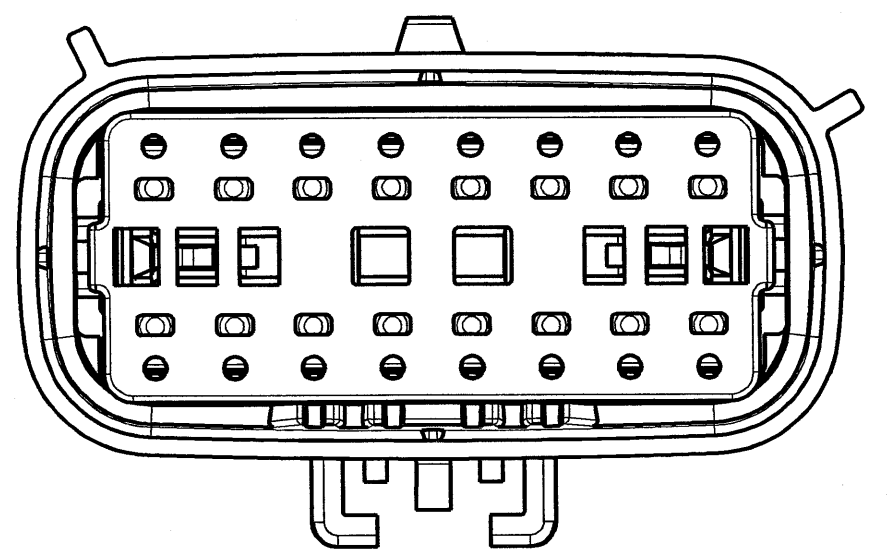
CLIP SLOT TYPE-1

ACTUAL SIZE VIEWS

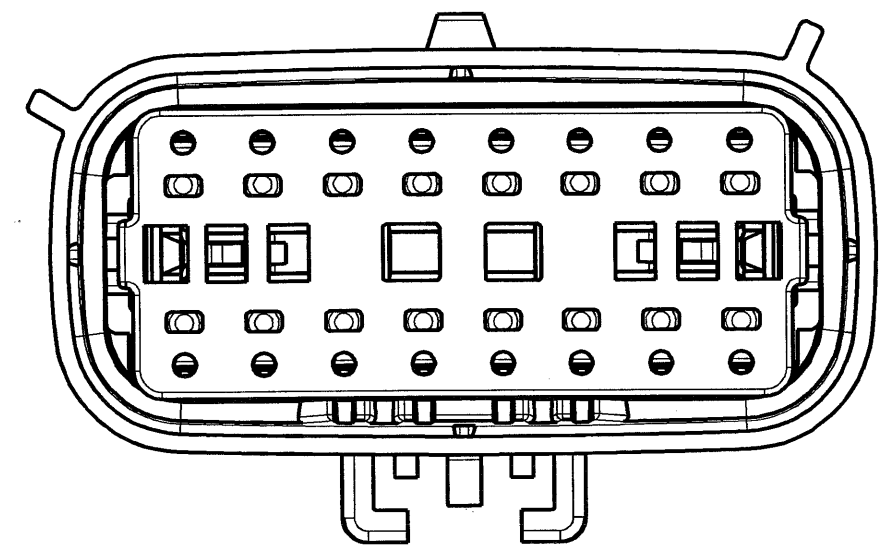
CLIP SLOT TYPE-2



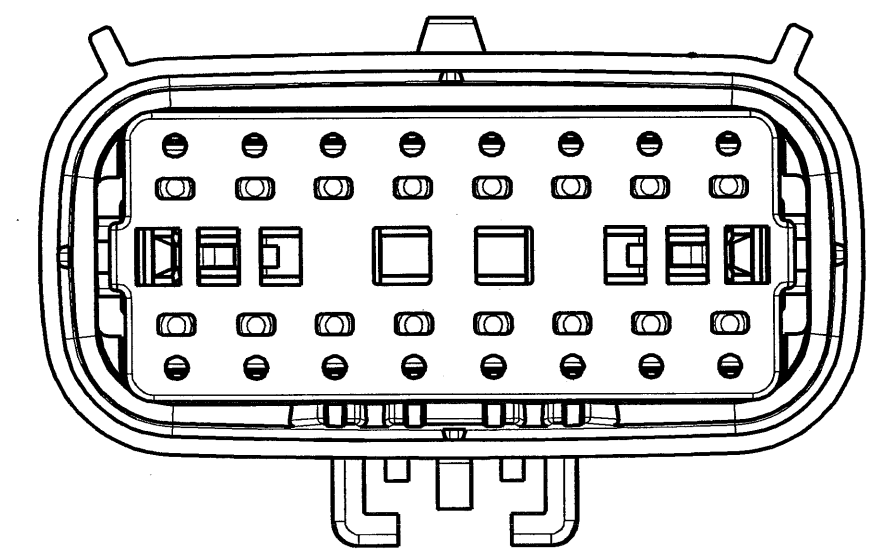
OPTION - A



OPTION - B

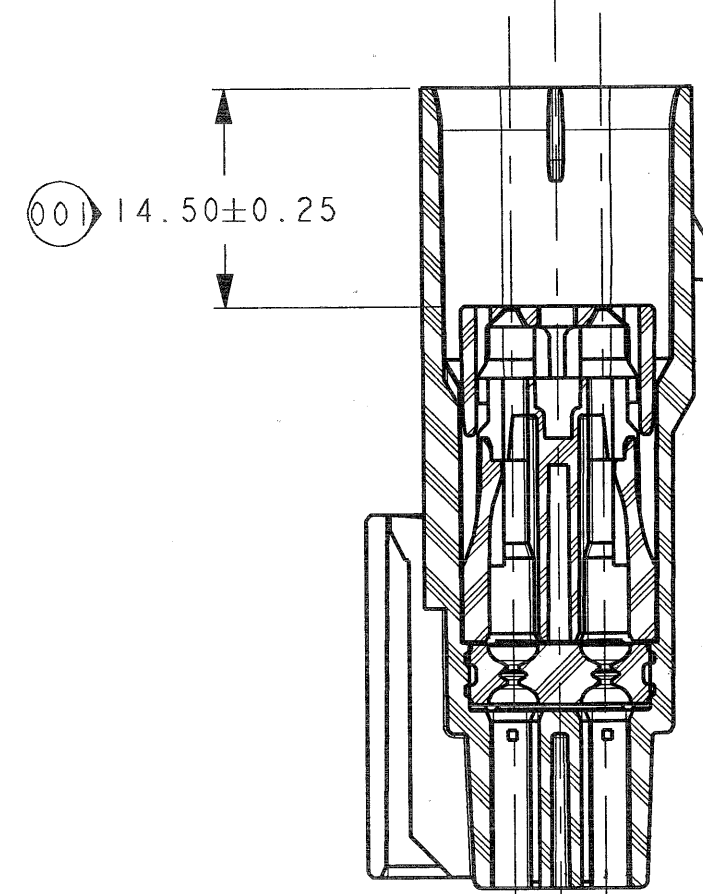
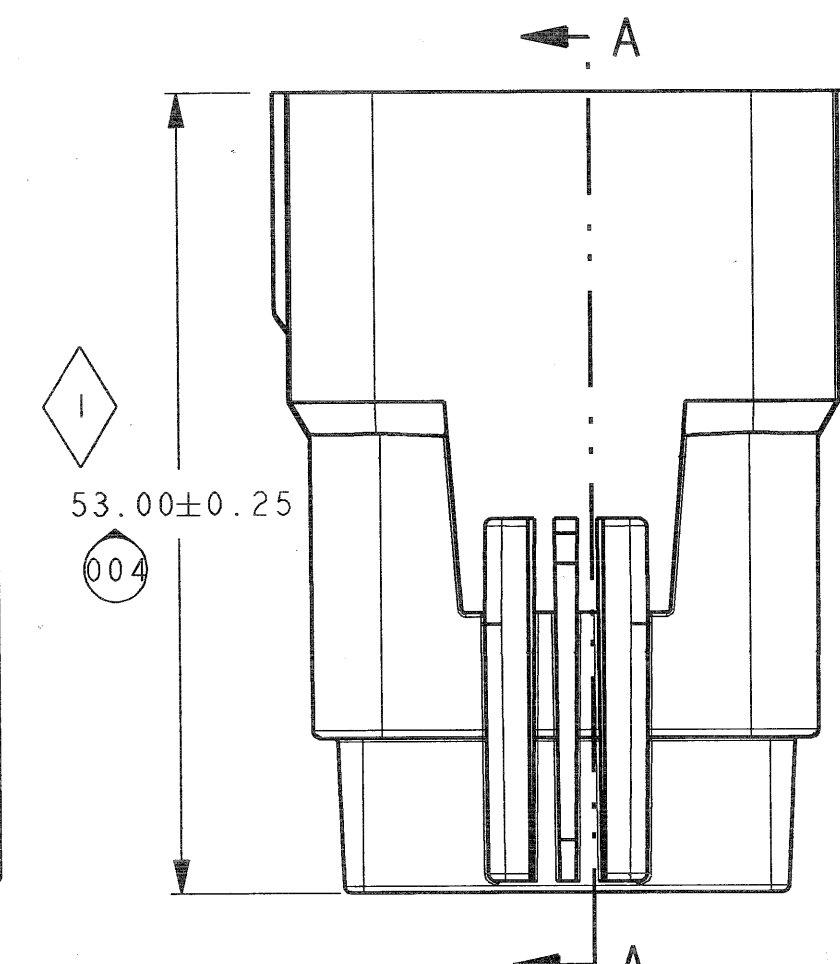
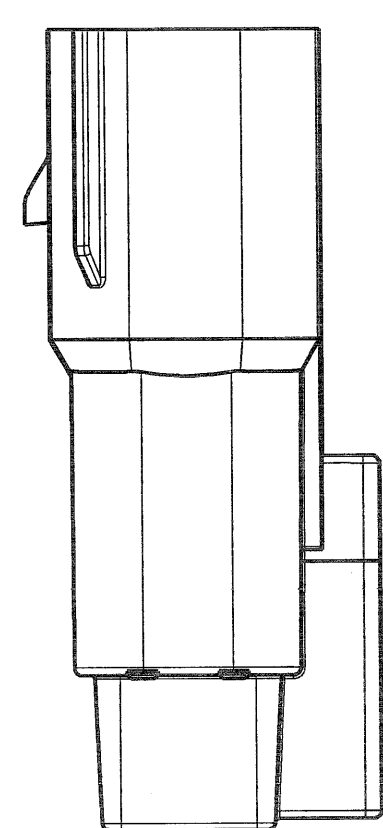
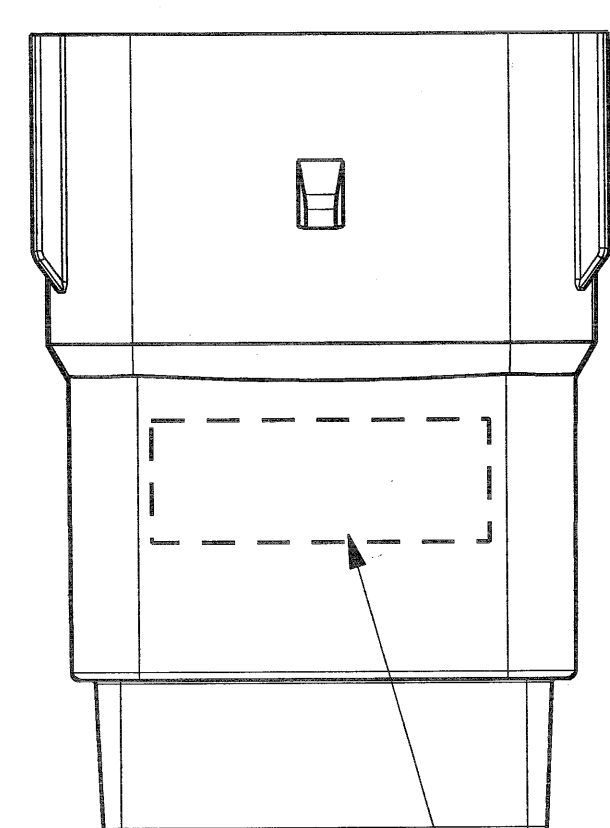


OPTION - C



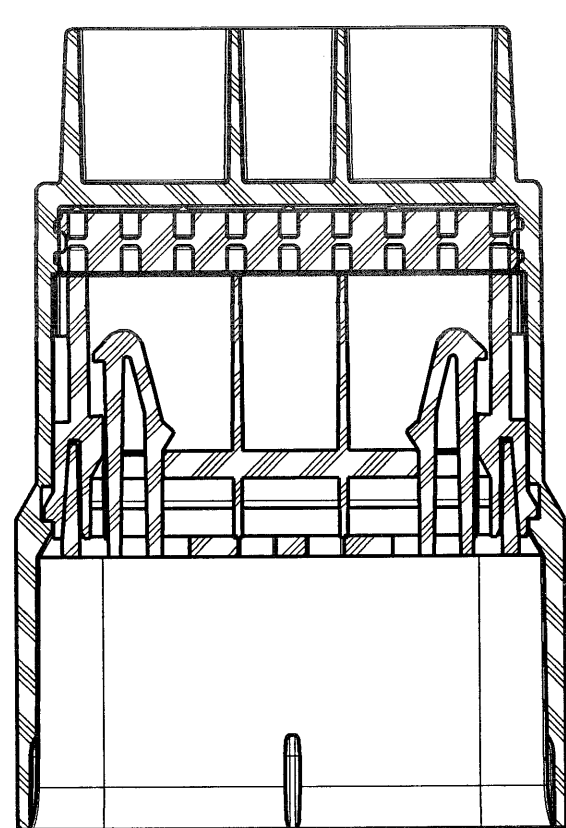
OPTION - D

POLARIZATION OPTIONS



SECTION A-A

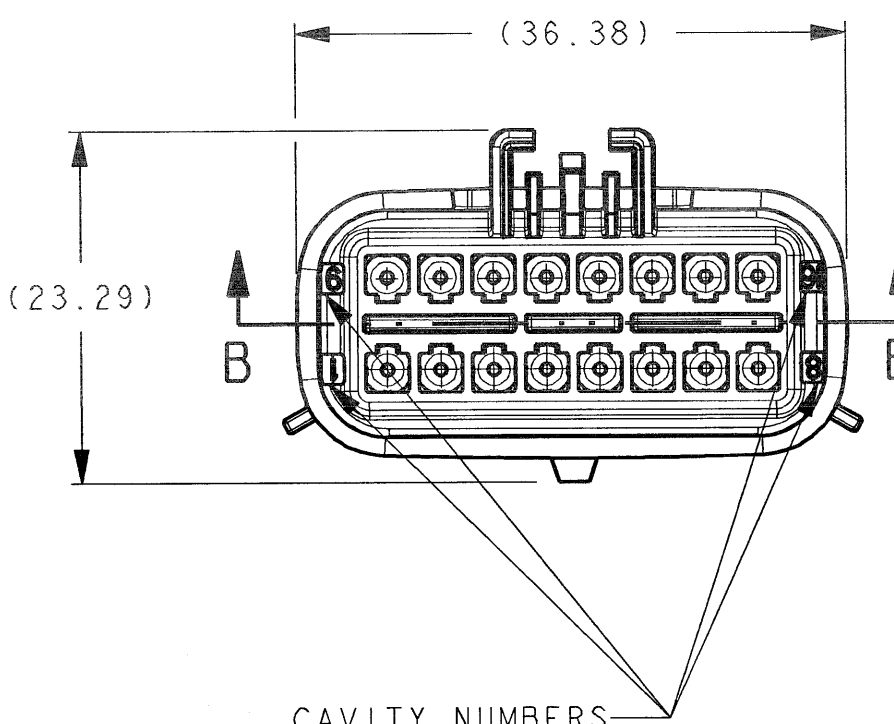
T.P.A IN PRE-ASSEMBLED POSITION



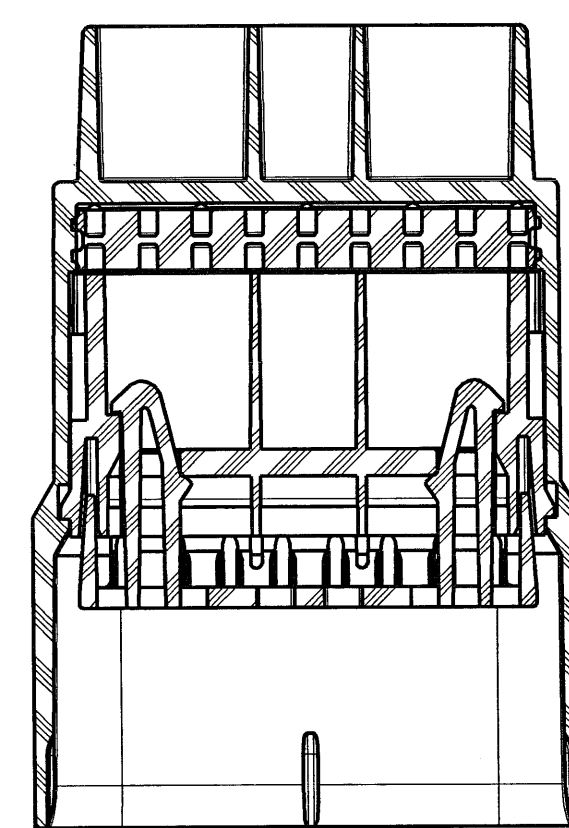
SECTION B-B

SCALE 2:1

T.P.A IN FINAL POSITION



CAVITY NUMBERS



SECTION B-B

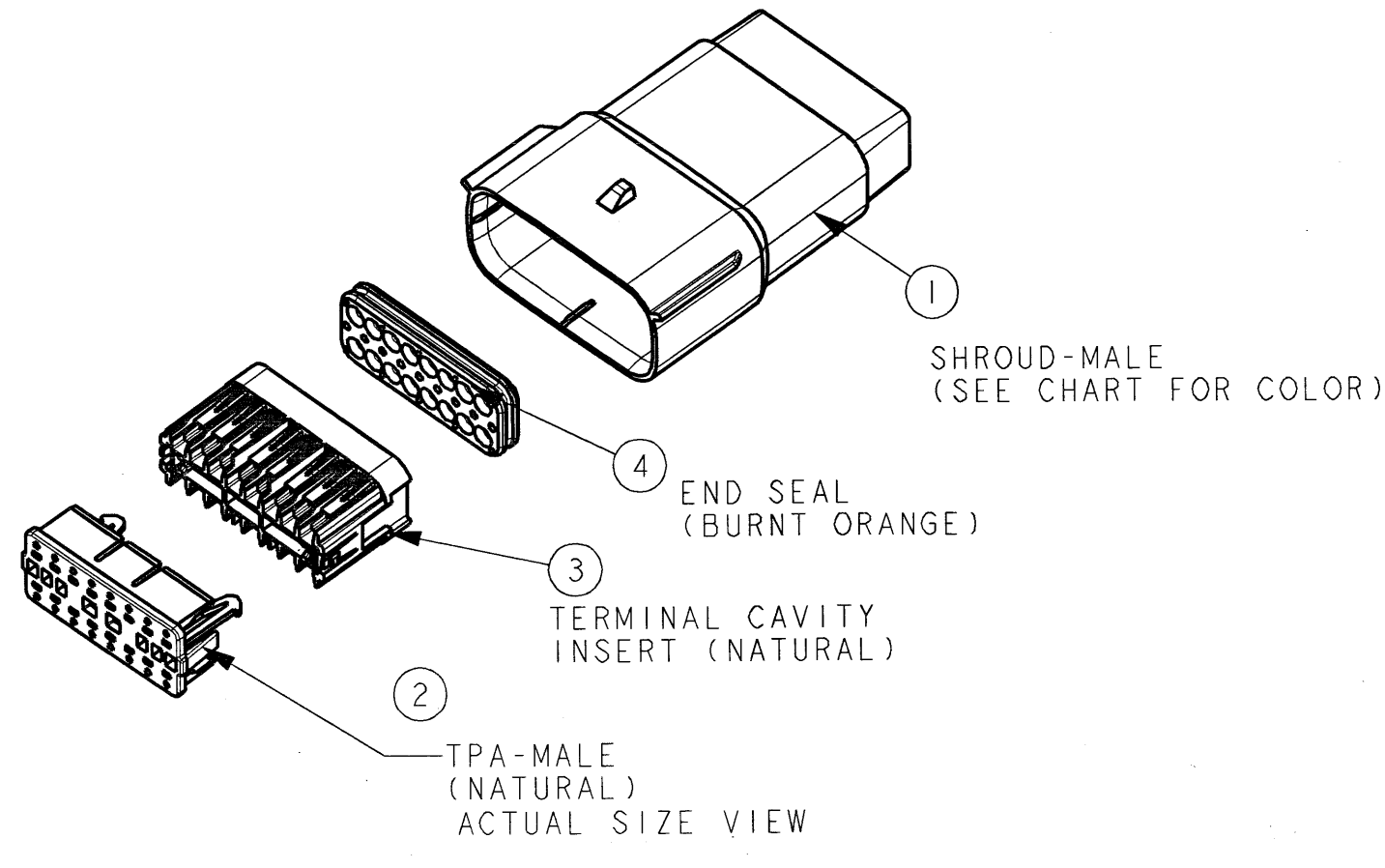
T.P.A IN PRE-ASSEMBLED POSITION

SECTION A-A

T.P.A IN FINAL POSITION

NOTES:

- 1) MAXIMUM TEMPERATURE CLASS: CLASS 3 (125°C)
- 2) TEST METHOD PER: SAE/USCAR-2 REV-4 SAE/USCAR-20 REV-2
- 3) CONNECTOR MAY BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES/TYPES: -SIZE: 22 GAGE - 16 GAGE - 1.50mm MIN O.D. TO 2.41mm MAX O.D. -TYPE: TYL (MIL123-A / MS-8288) -CONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE TYPES AND/OR SIZES
- 4) CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS: -FCI APEX150 WITH WIRE SIZES DEFINED IN NOTE 3. SEE FCI DRAWING J44009 FOR SPECIFIC PART NUMBERS AND CRIMPING REQUIREMENTS -CONTACT FCI ENGINEERING REGARDING USE OF COMPATIBLE NON FCI TERMINALS
- 5) ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2 REV-4.
- 6) 1) QUALITY ASSURANCE REQUIREMENTS SPC DATA, REQUIRED



RECOMMENDED COMPONENTS			
FCI PART NUMBER	ITEM DESCRIPTION	PLATING	GRIP SIZE
54001626	APEX 150 TERMINAL	TIN	16,18
54002001	APEX 150 TERMINAL	TIN	20,22
54001628	APEX 150 TERMINAL	GOLD	16,18
54002003	APEX 150 TERMINAL	GOLD	20,22
54241629	APEX 150 UNIVERSAL SEAL PLUG	-	-

10169	02/14/08	J	CHART	ADDED PROLOG AND PROLOG (AT PCL A3)	RCB	RCB	RCB
				WAS 153.001. ADDED NOTE #6			
10025	11/12/07	H	NOTES	REVISED NOTES 3 & 4			
				CHART			
9913	10/01/07	G	CHART	ADDED ASSEMBLY 55241627 THRU 55241614	RCB	RCB	RCB
9485	07/10/07	F	CHART	ADDED PART NUMBERS 54241627 - 54241628	RCB	RCB	RCB
				ADDED PART NUMBERS 54241629 - 54241630	RCB	RCB	RCB
8533	05/25/06	E	CHART	ADDED PART NUMBERS 54241631 - 54241632	RCB	RCB	RCB
8228	12/12/05	D	J15	REVISOR "MARKED" NOTE	FAH	FAH	FAH
7883	12/02/05	C	J15	REVISOR "MARKED" NOTE	FAH	FAH	FAH
				ADDED PART NUMBERS 54241633 - 54241634	RCB	RCB	RCB
6034	07/15/04	B	L18	ADDED COLOR CALLOUT TO EXPLODED VIEW	FAH	FAH	FAH
				ADDED NOTES			
				K11-66 ADDED CLIP SLOT DIMENSIONS AND VIEWS			
				FA ADDED MATES WITH: TO CHART			
				NI-P1 CORRELATED KEY OPTIONS (B & D SWITCHED)			
				RELEASED	FAH	FAH	FAH
6072	04/16/04	A					
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