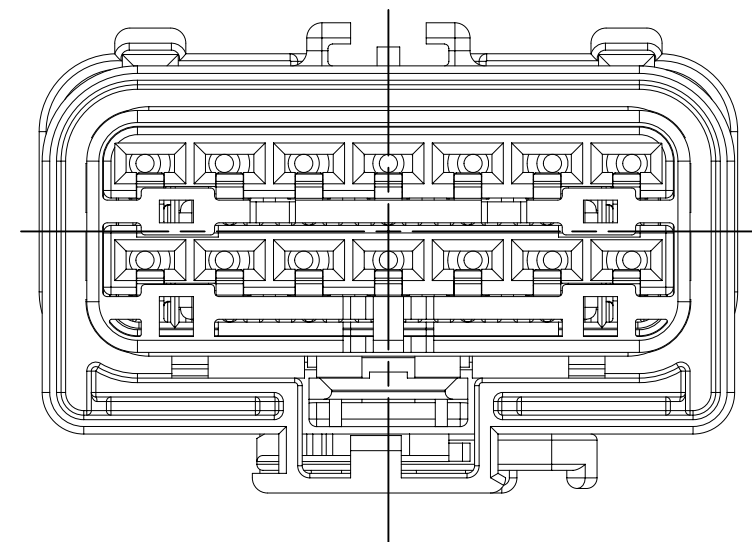
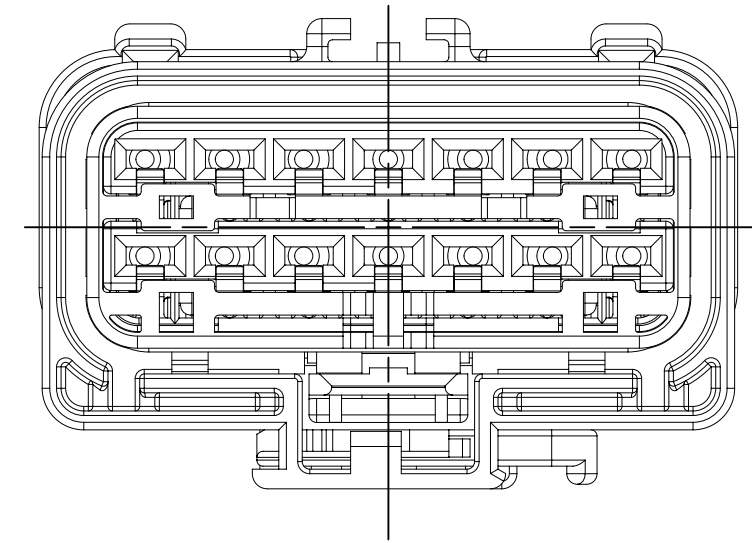
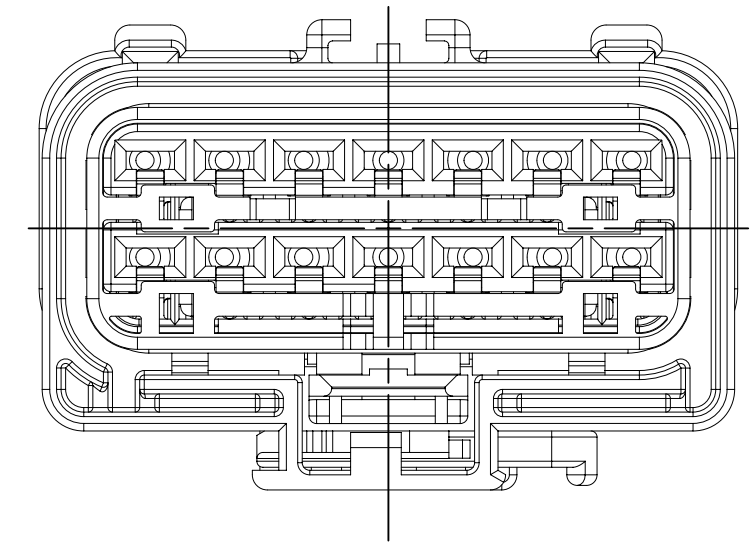




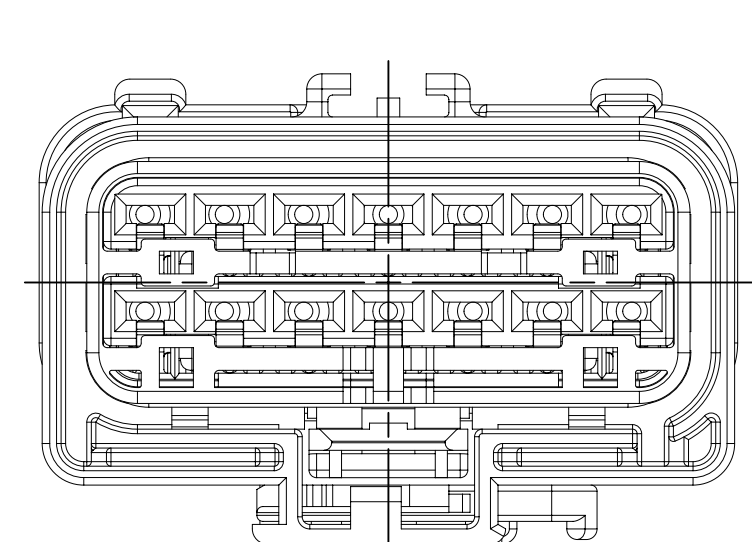
AUXILIARY VIEW
TYPE A



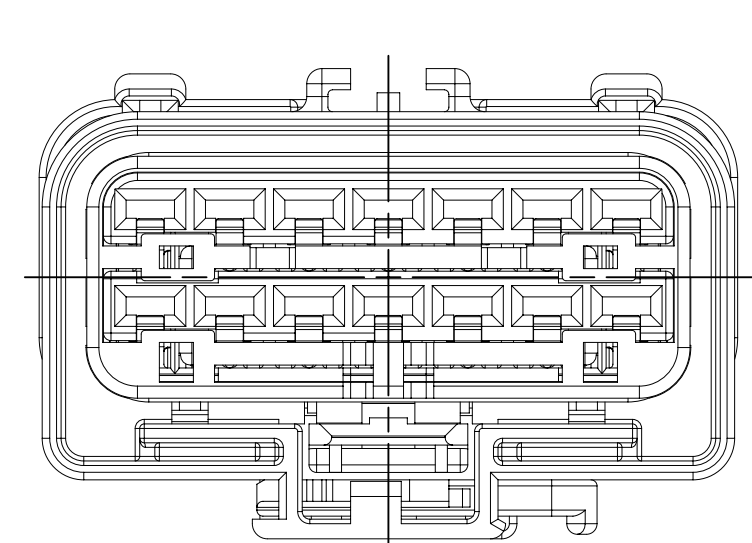
TYPE B
SAME AS TYPE A
EXCEPT AS SHOWN



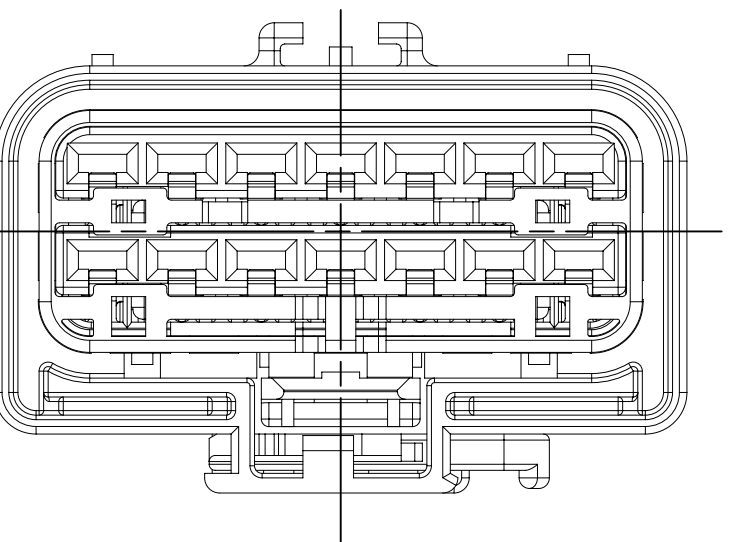
TYPE C
SAME AS TYPE A
EXCEPT AS SHOWN



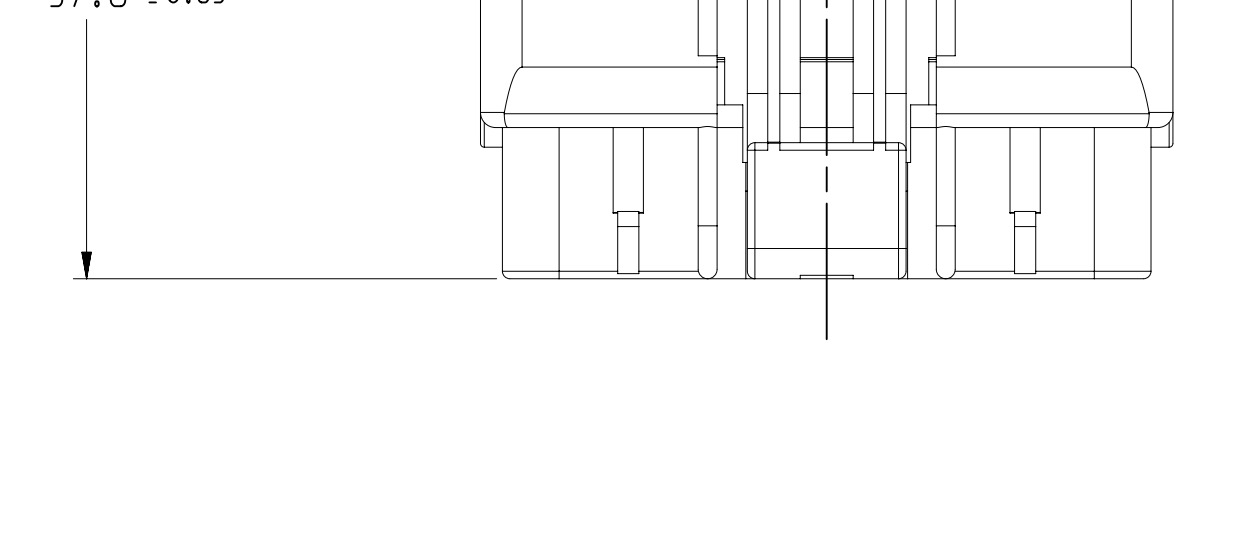
TYPE D
SAME AS TYPE A
EXCEPT AS SHOWN



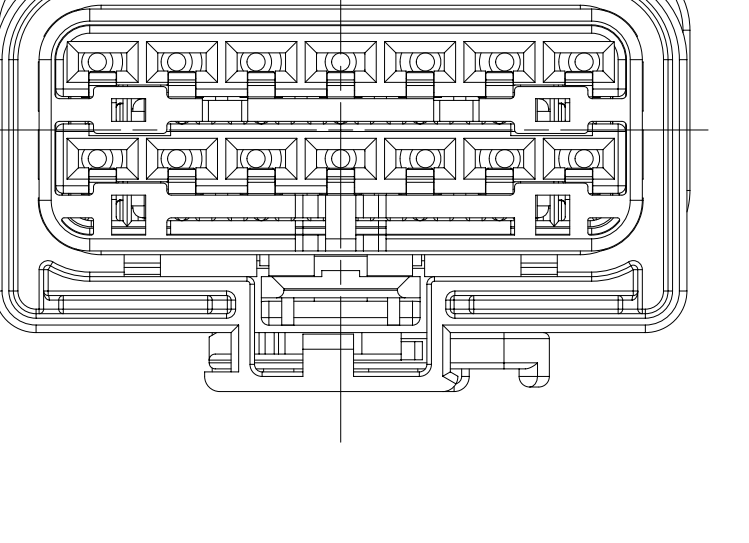
TYPE Z
SAME AS TYPE A
EXCEPT AS SHOWN



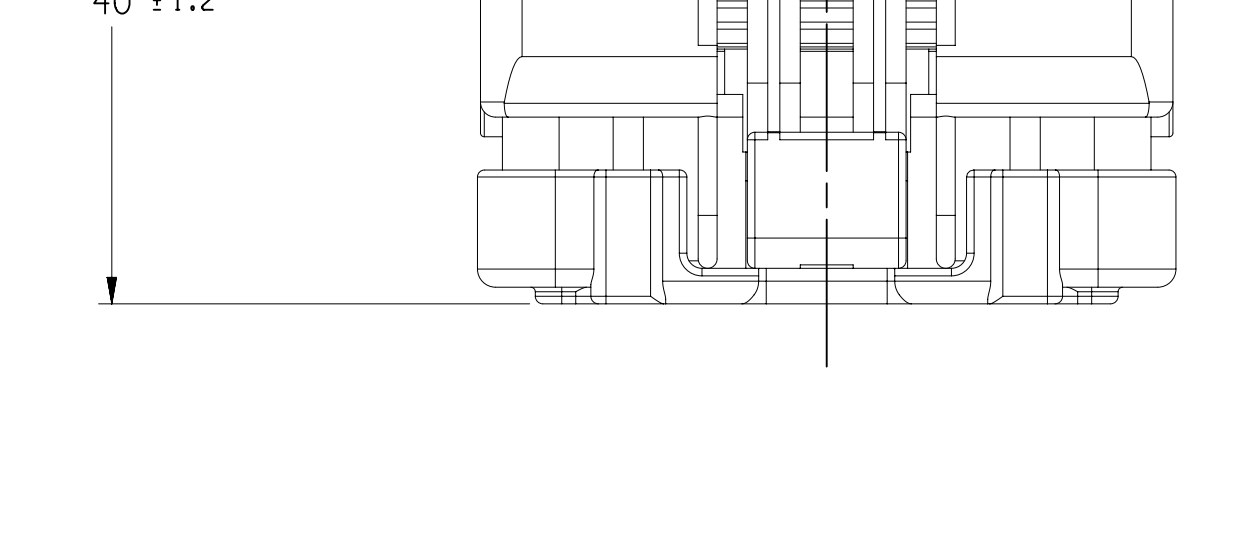
1 1.3 ±0.4



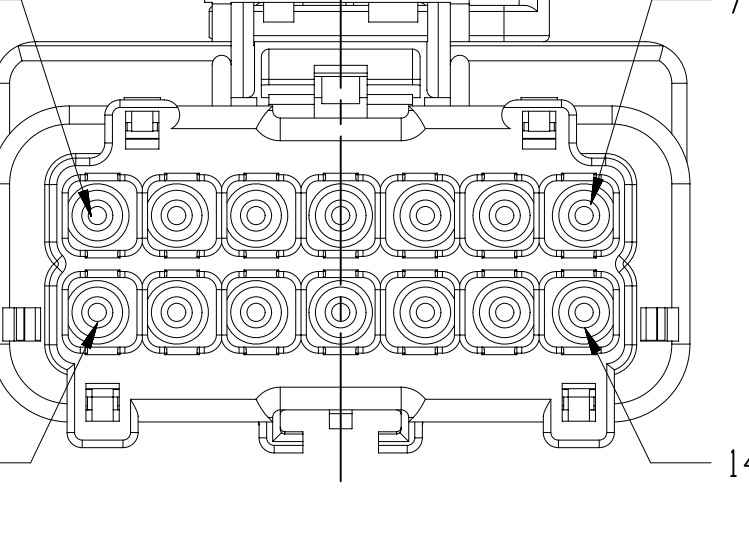
2 37.8 ±0.65



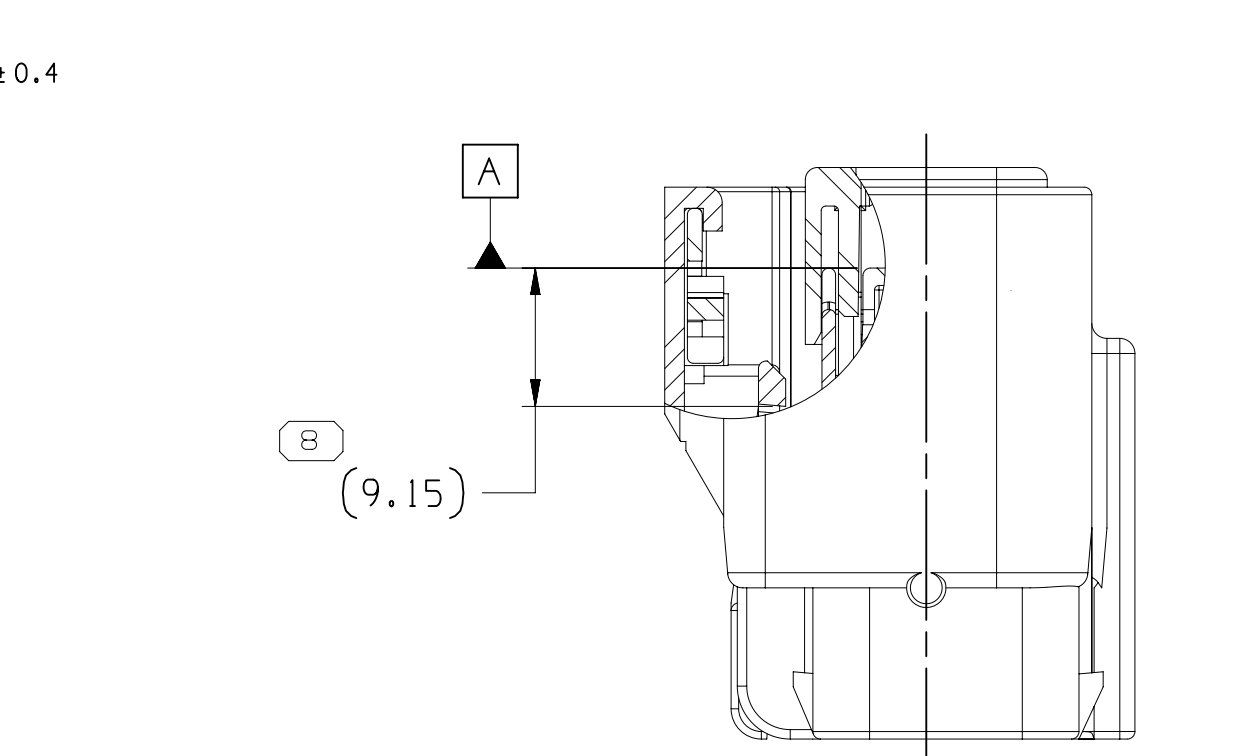
6 1.3 ±0.4



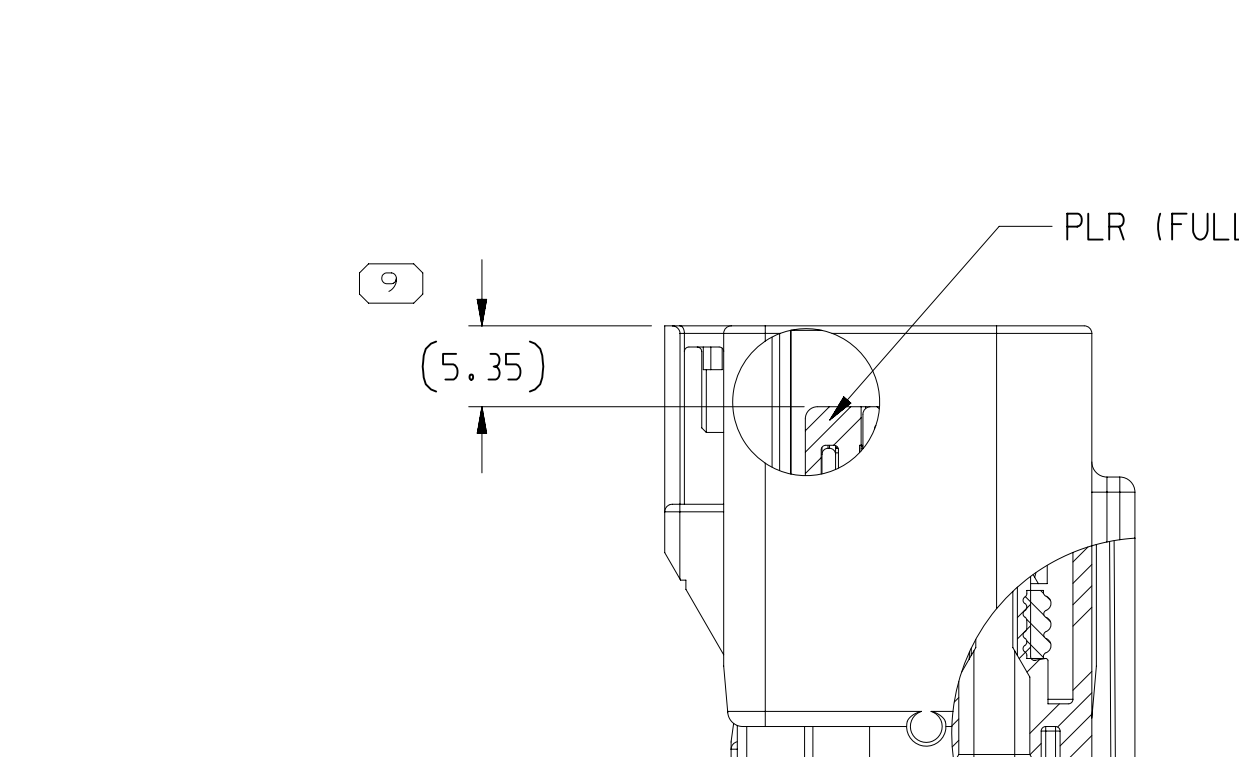
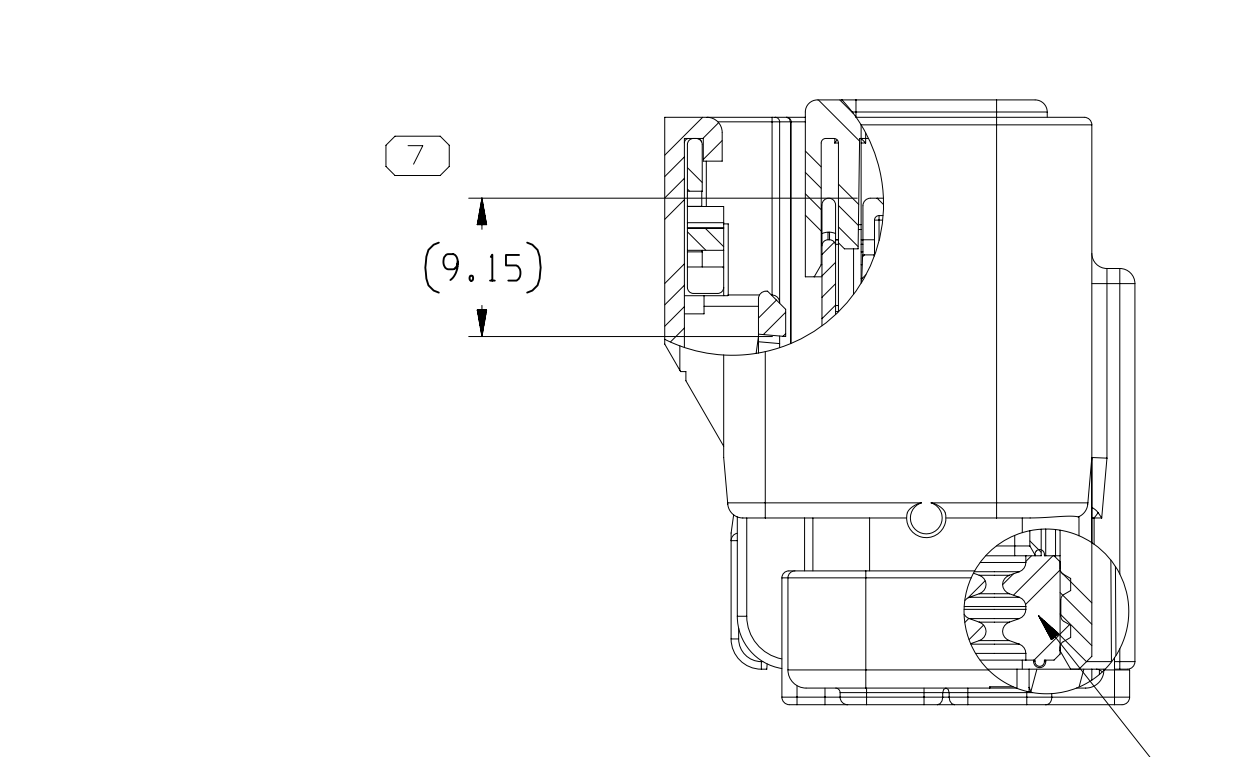
5 40 ±1.2



1 14X (1.2)

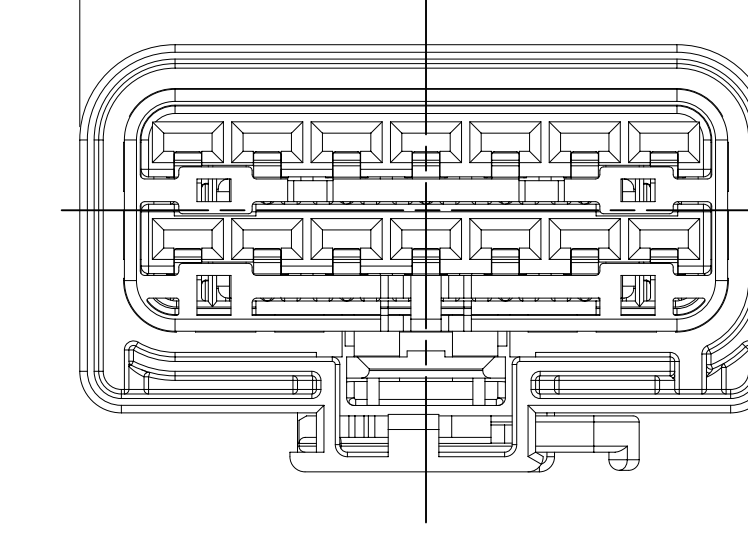


AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP

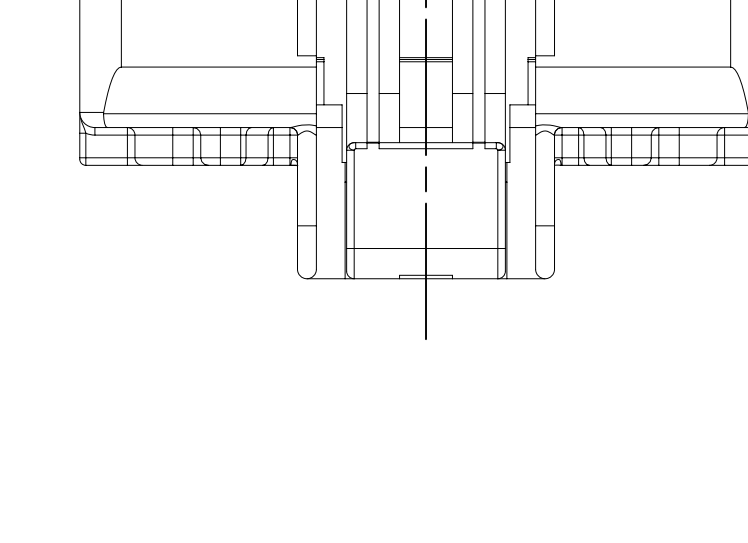


FOR MVL P/N 54201445N
APN 3311467

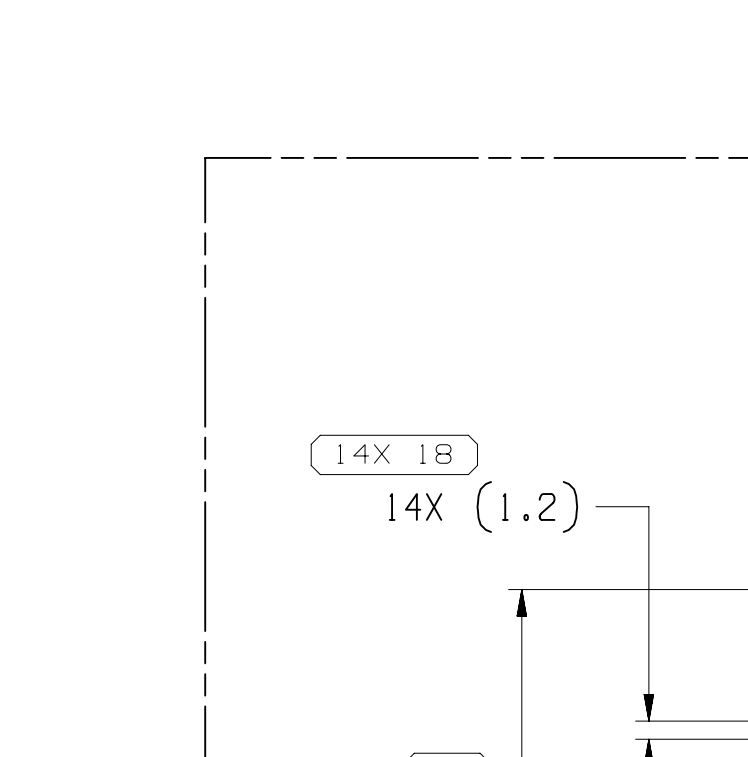
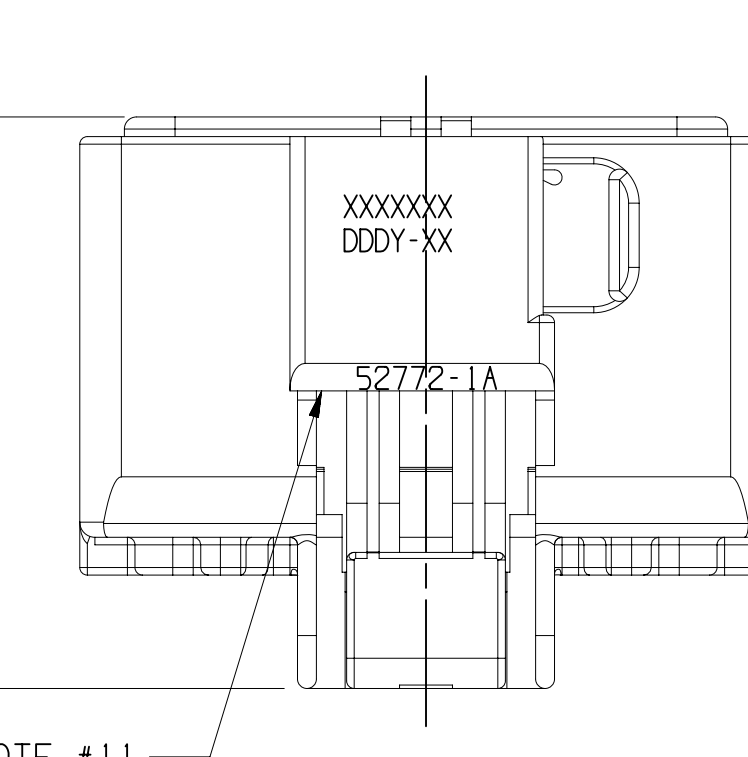
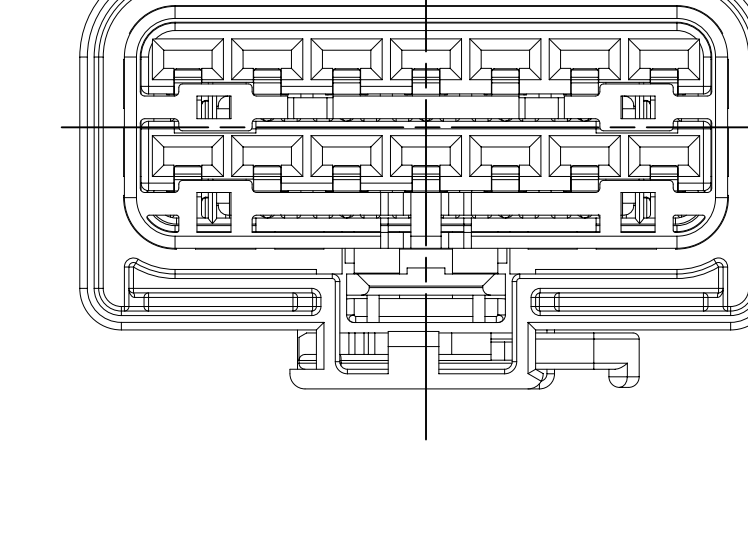
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



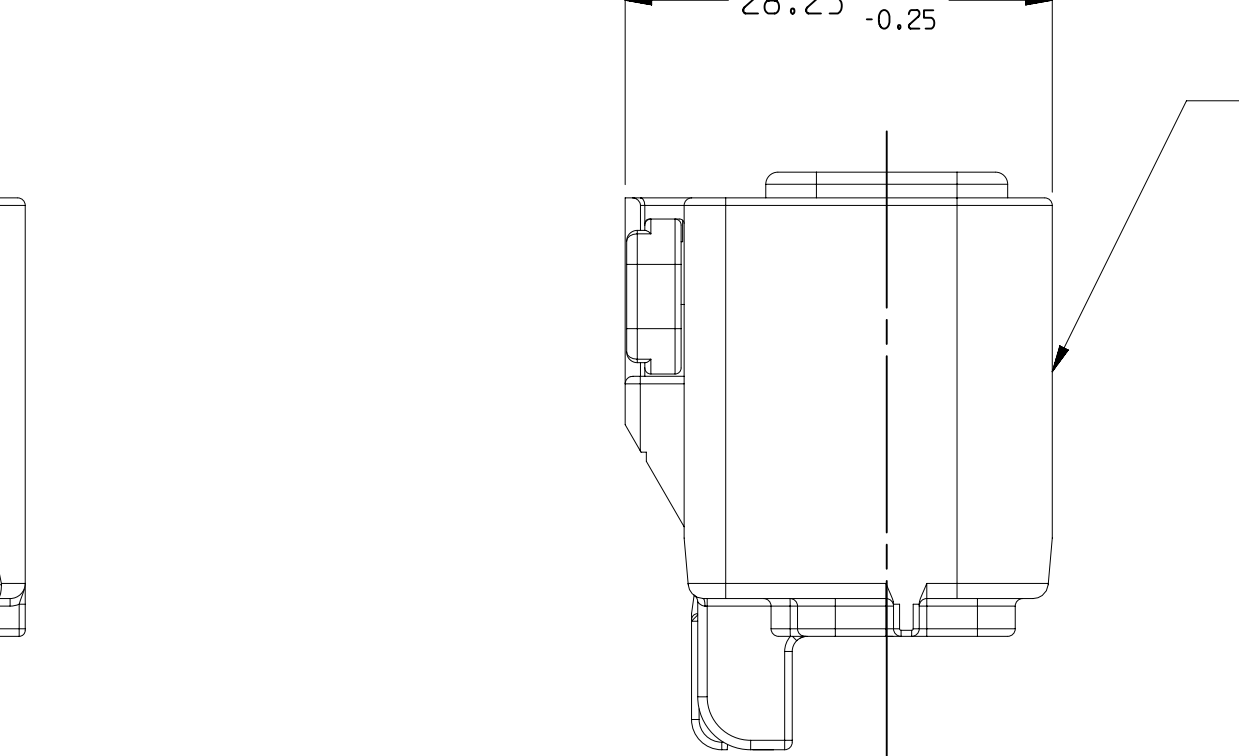
10 45.8



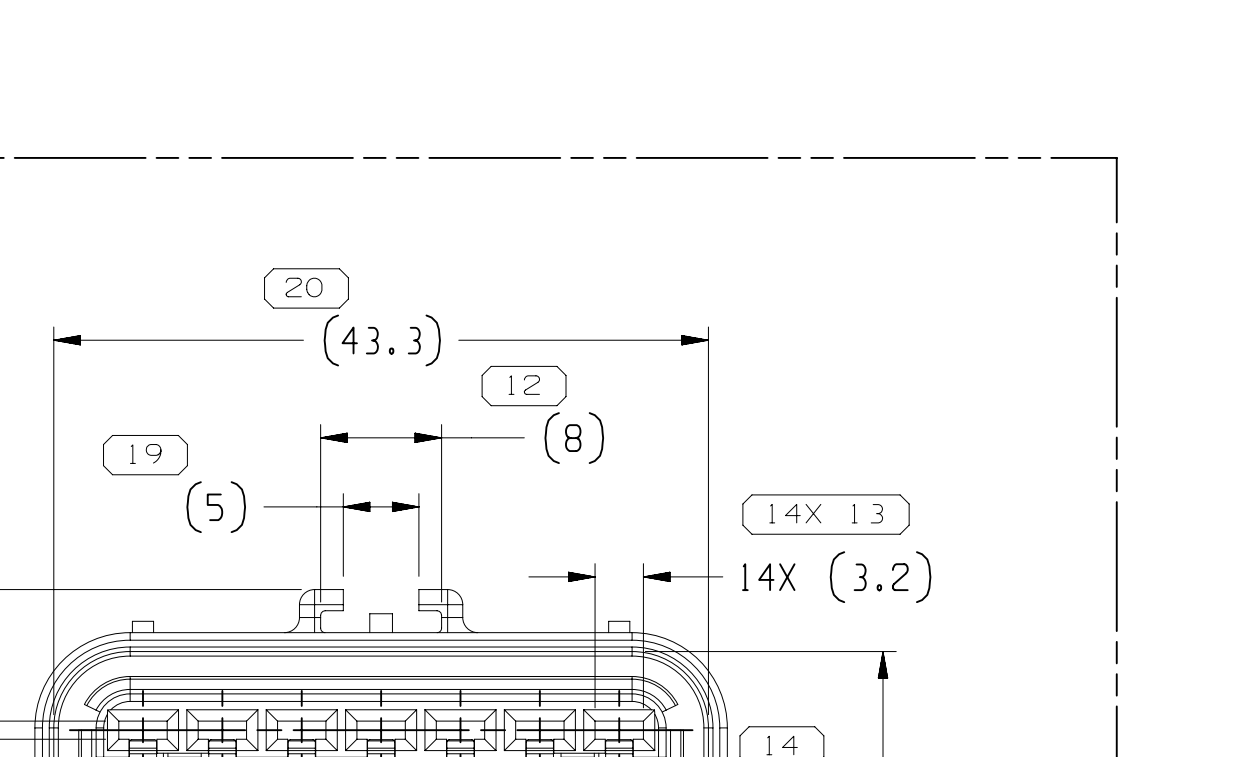
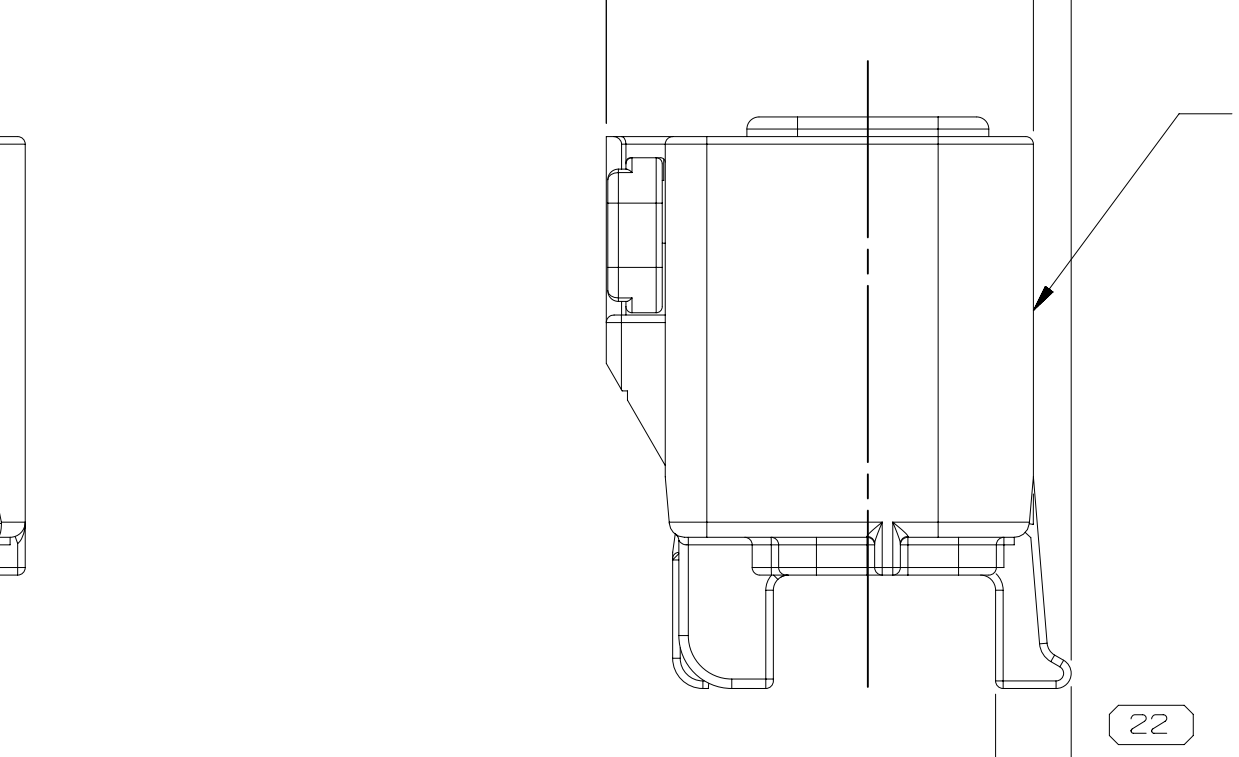
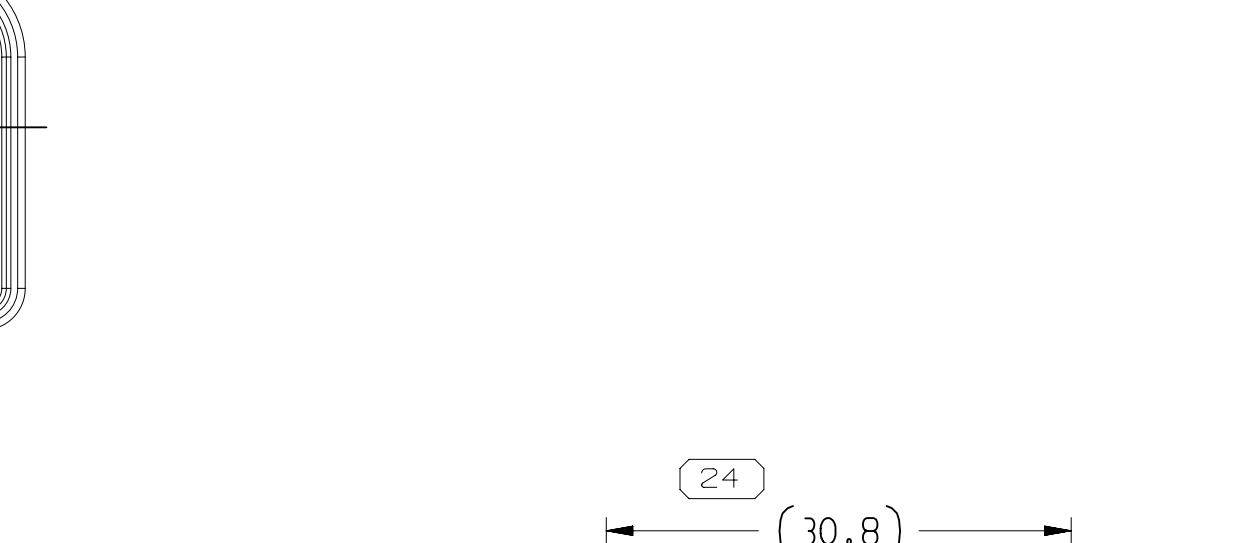
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



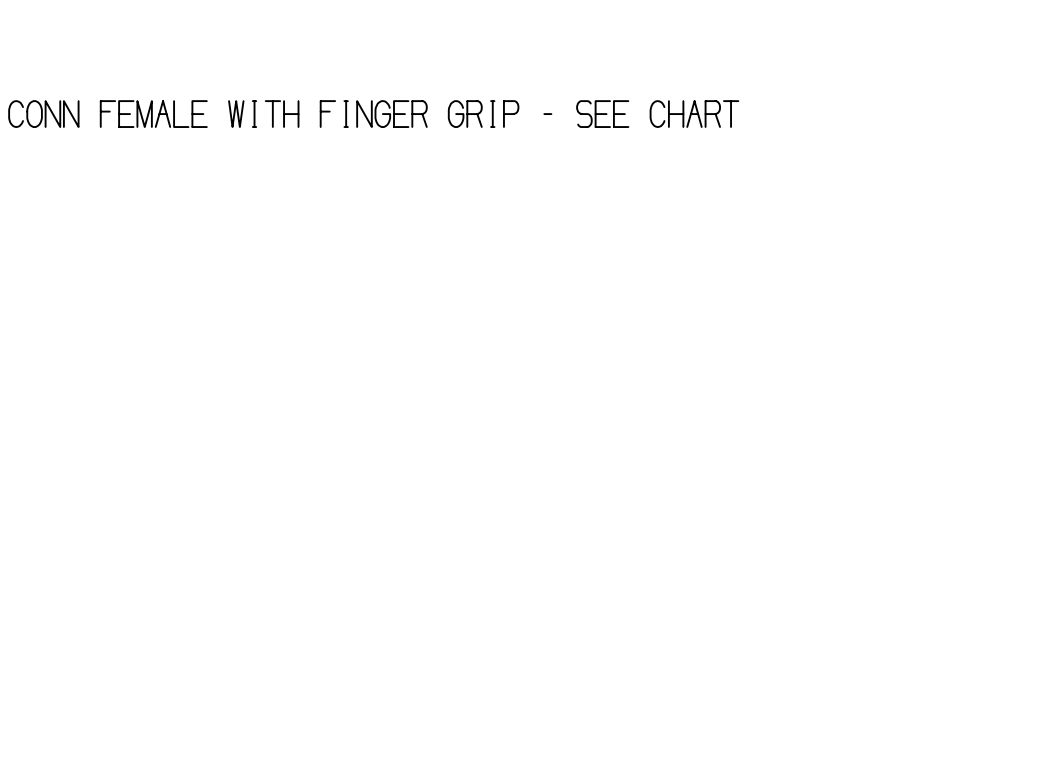
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



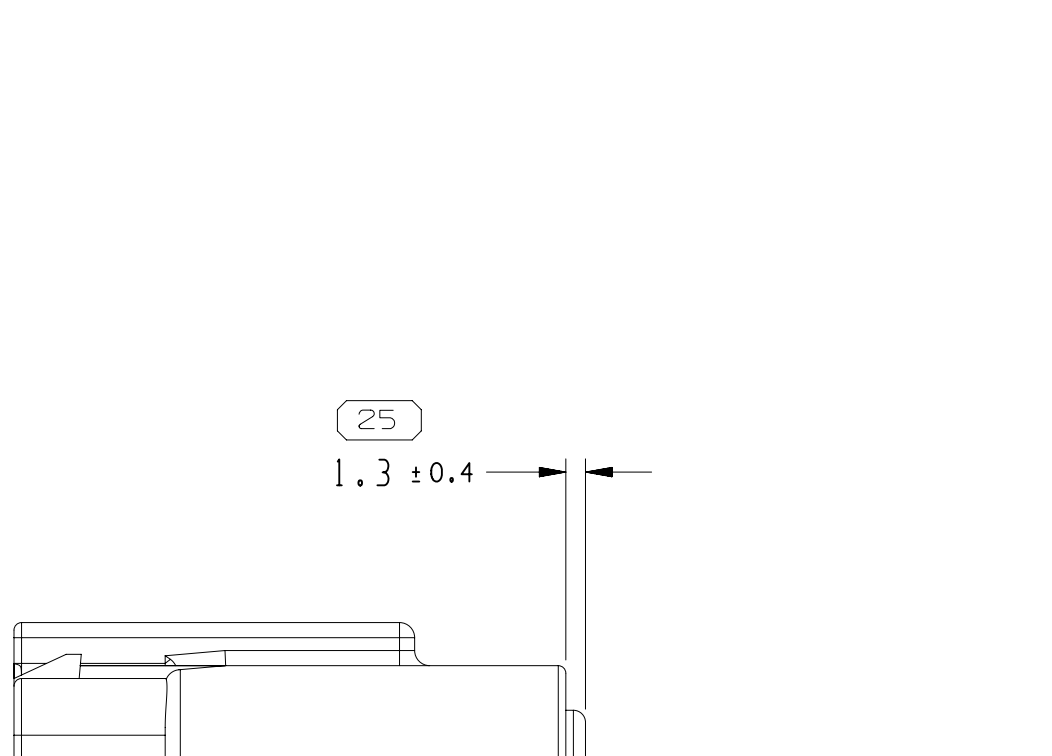
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



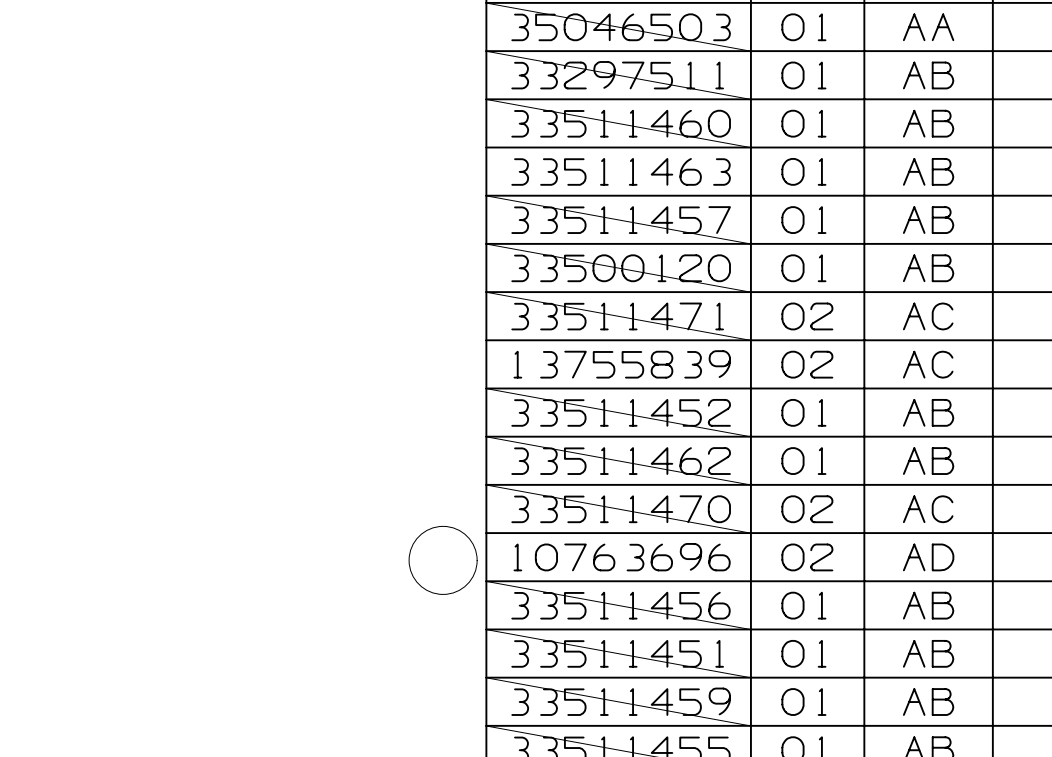
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



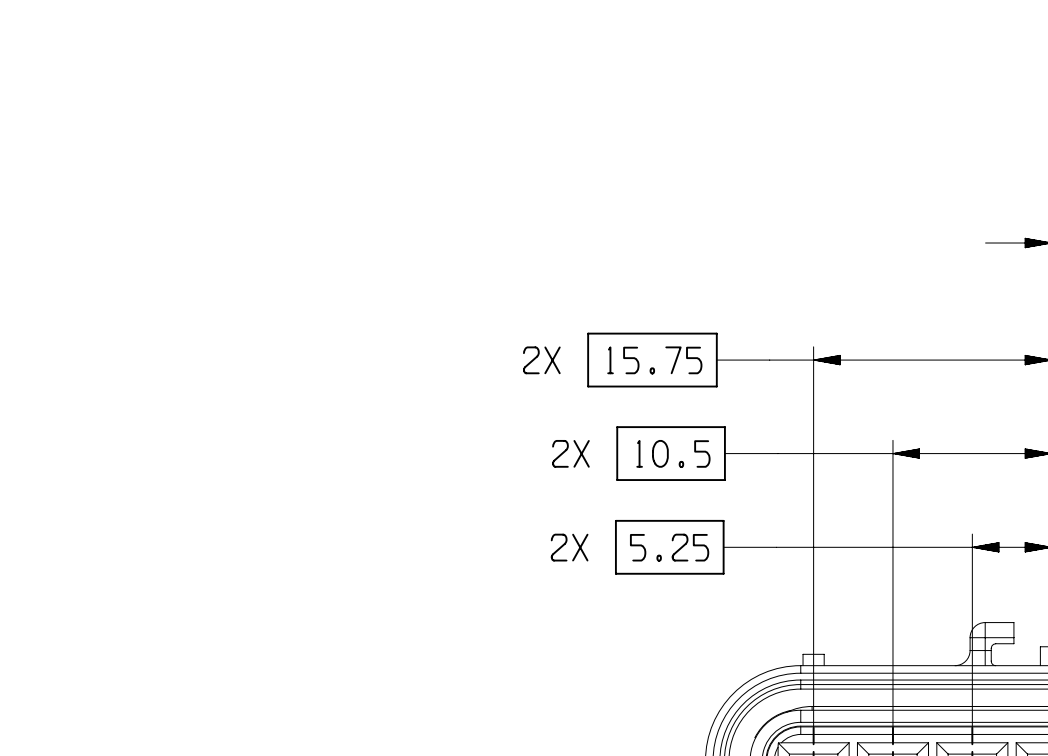
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



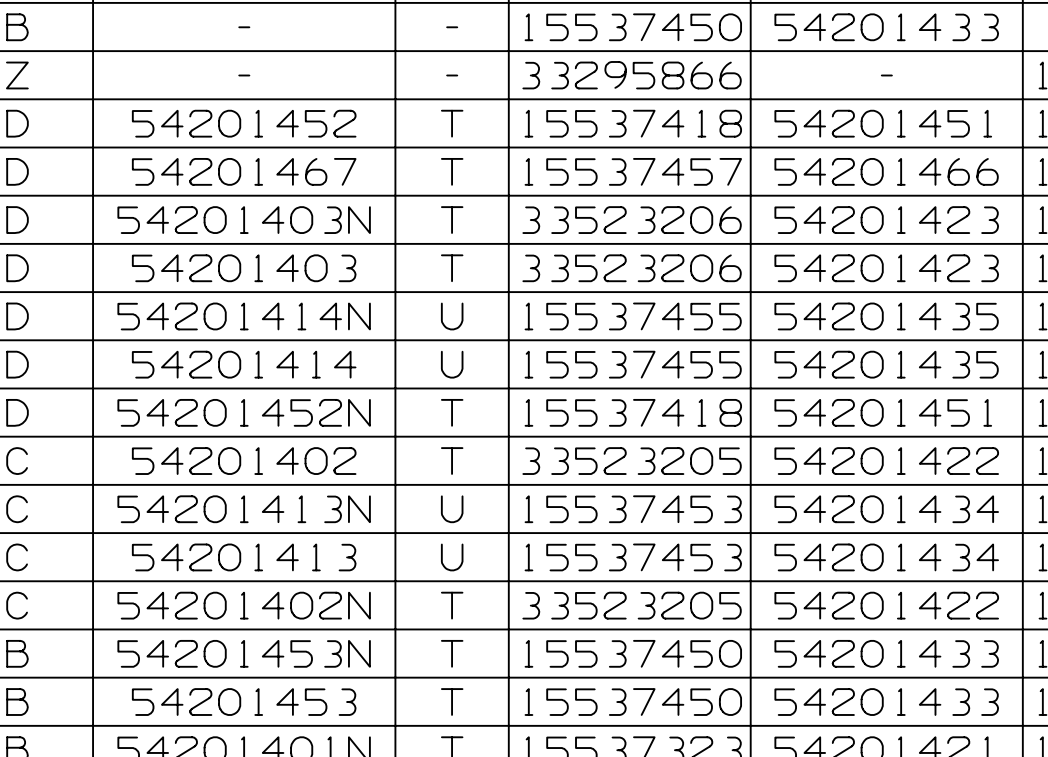
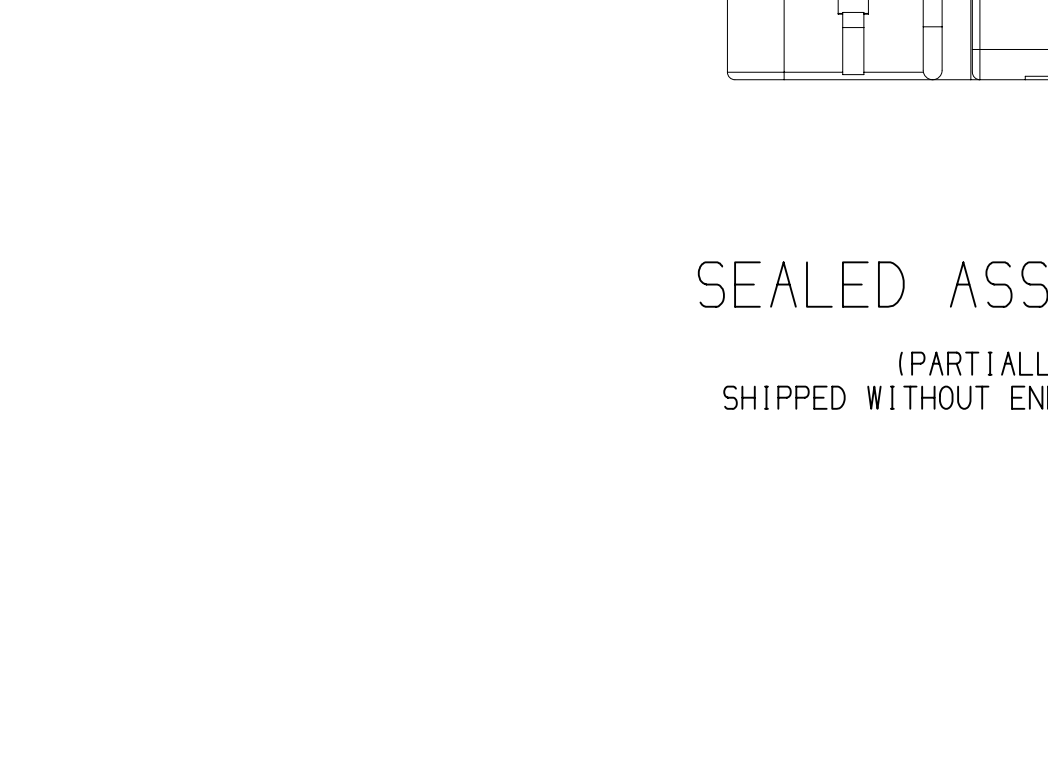
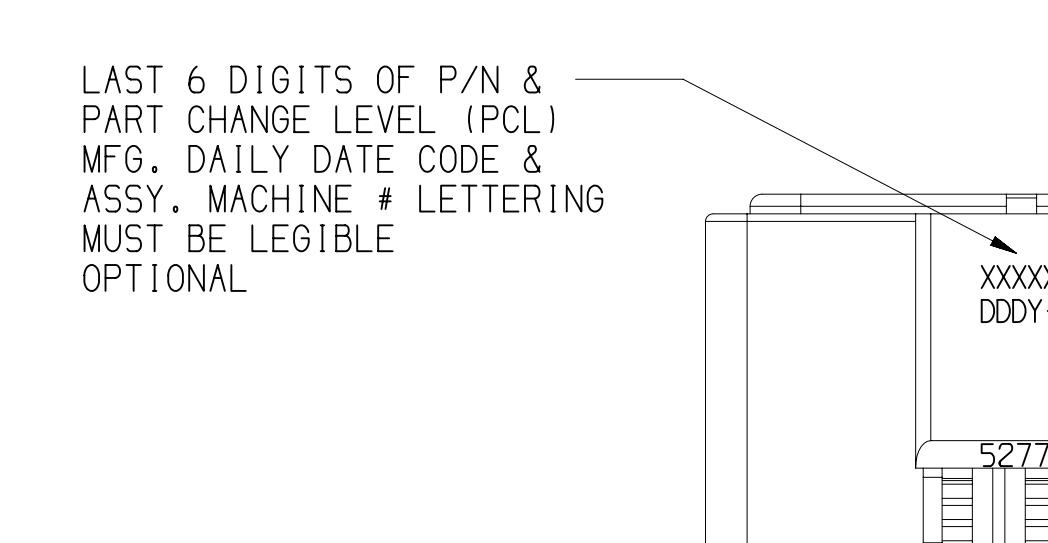
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



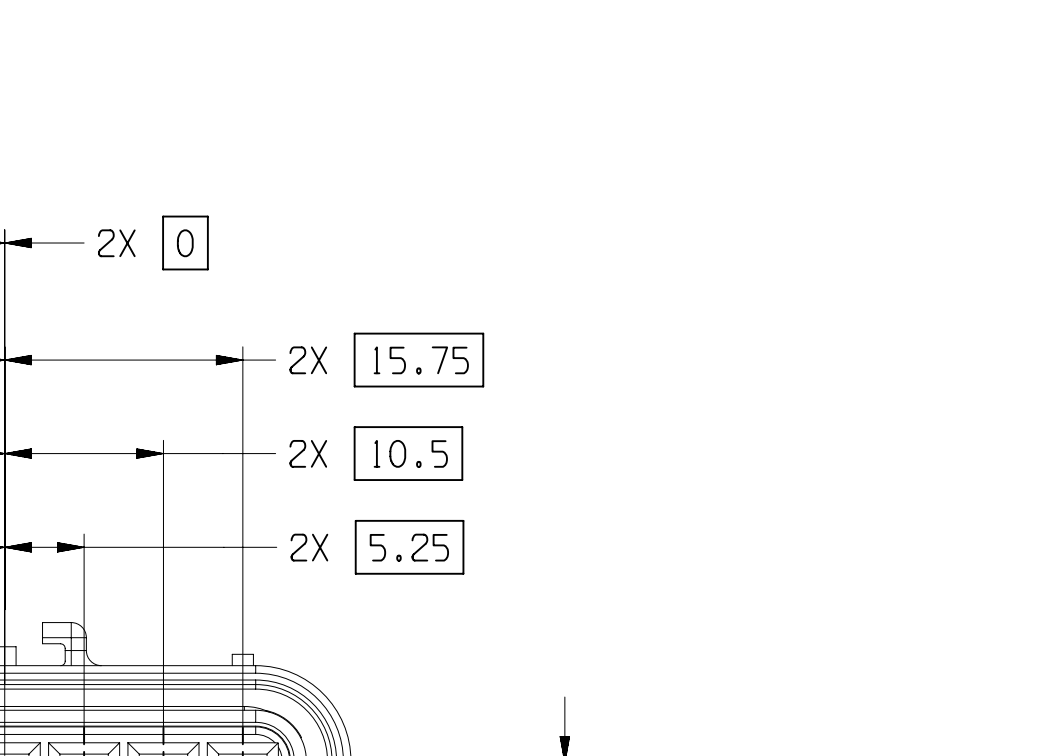
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



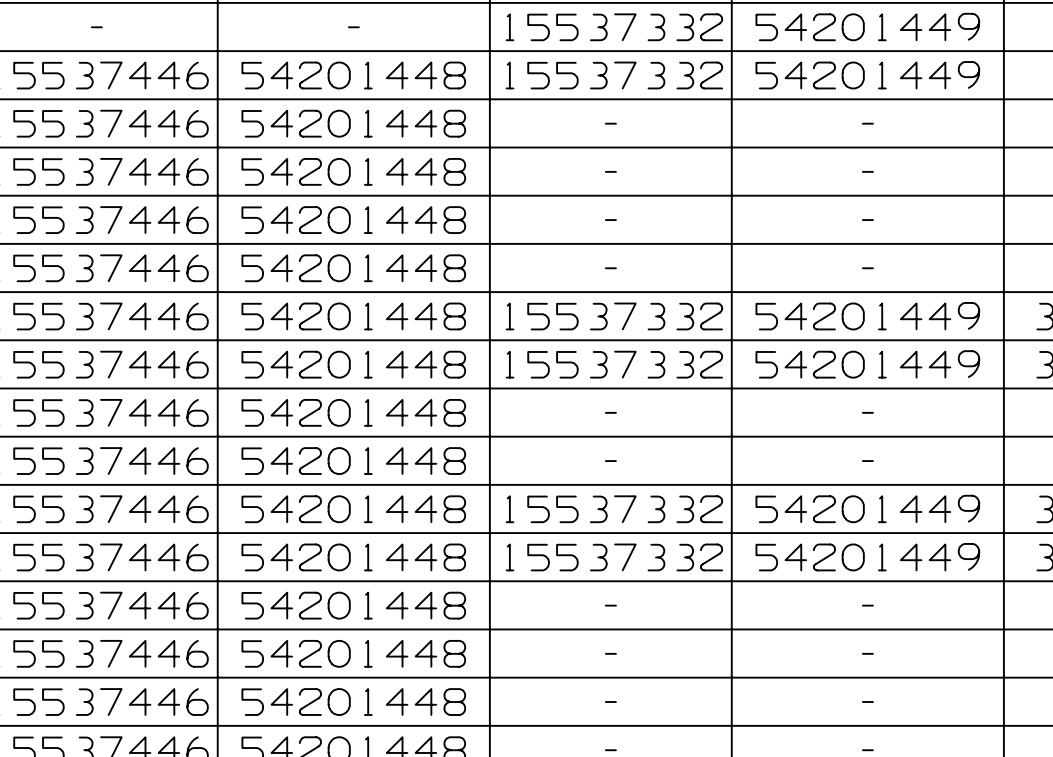
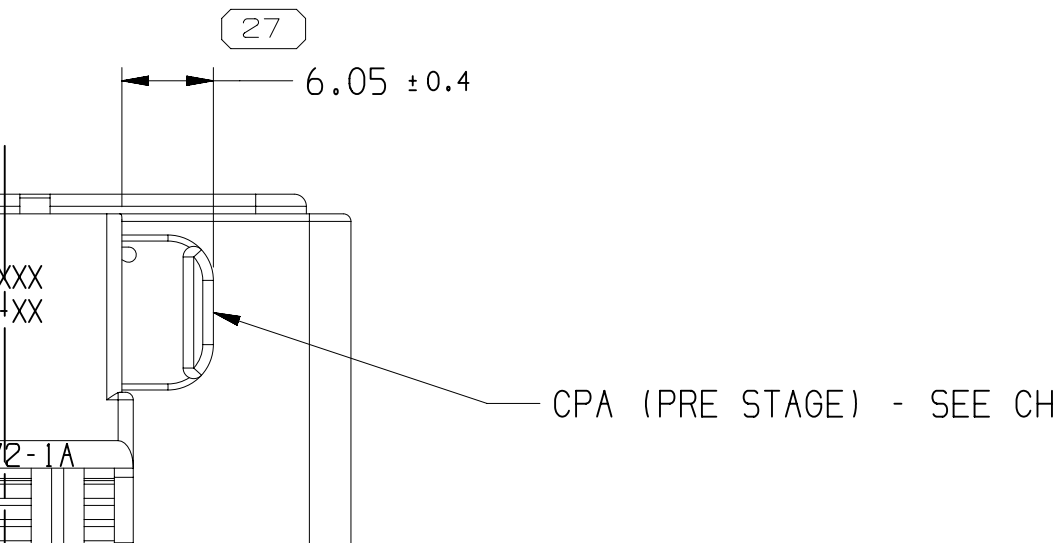
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



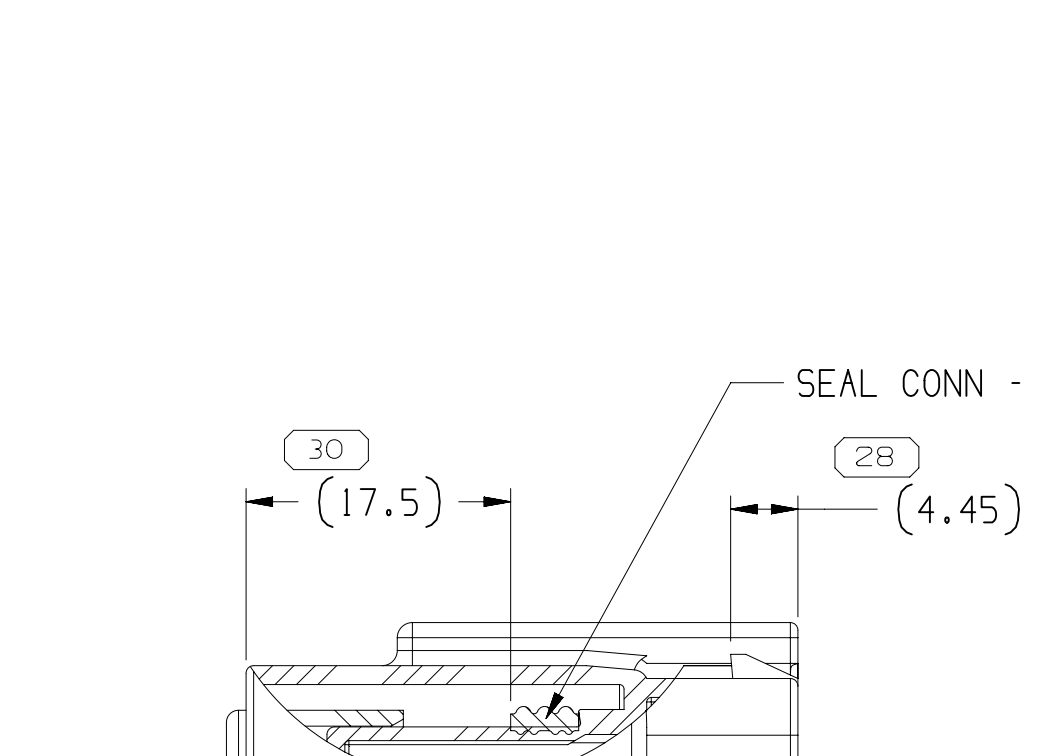
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



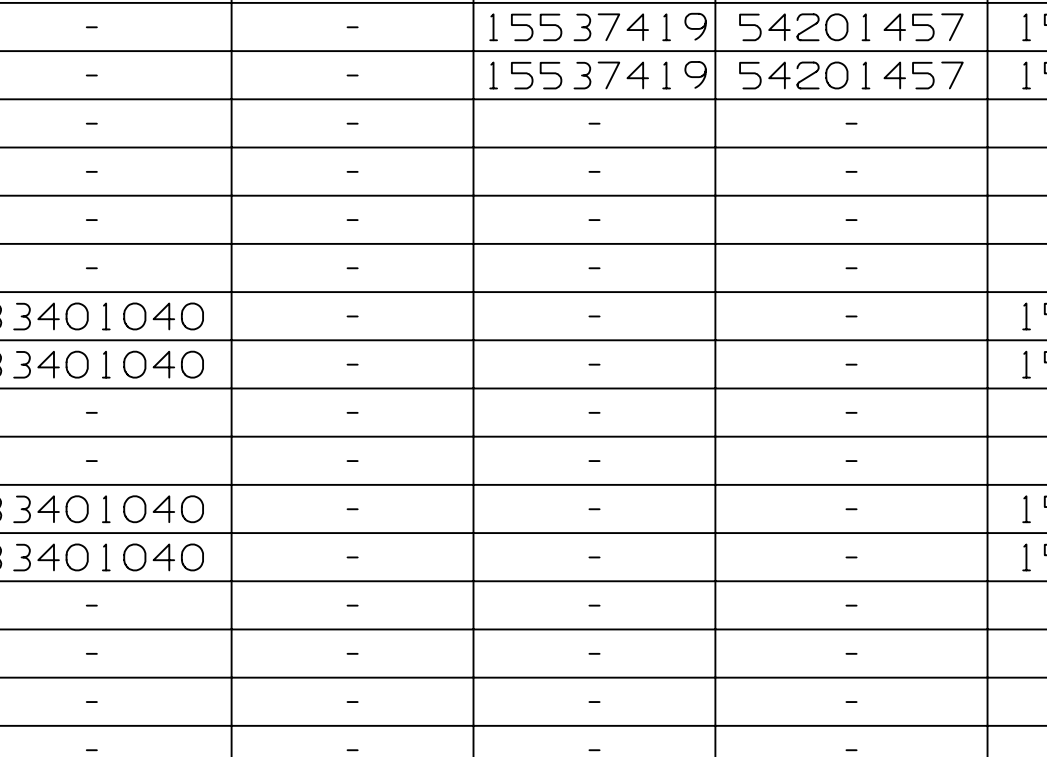
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



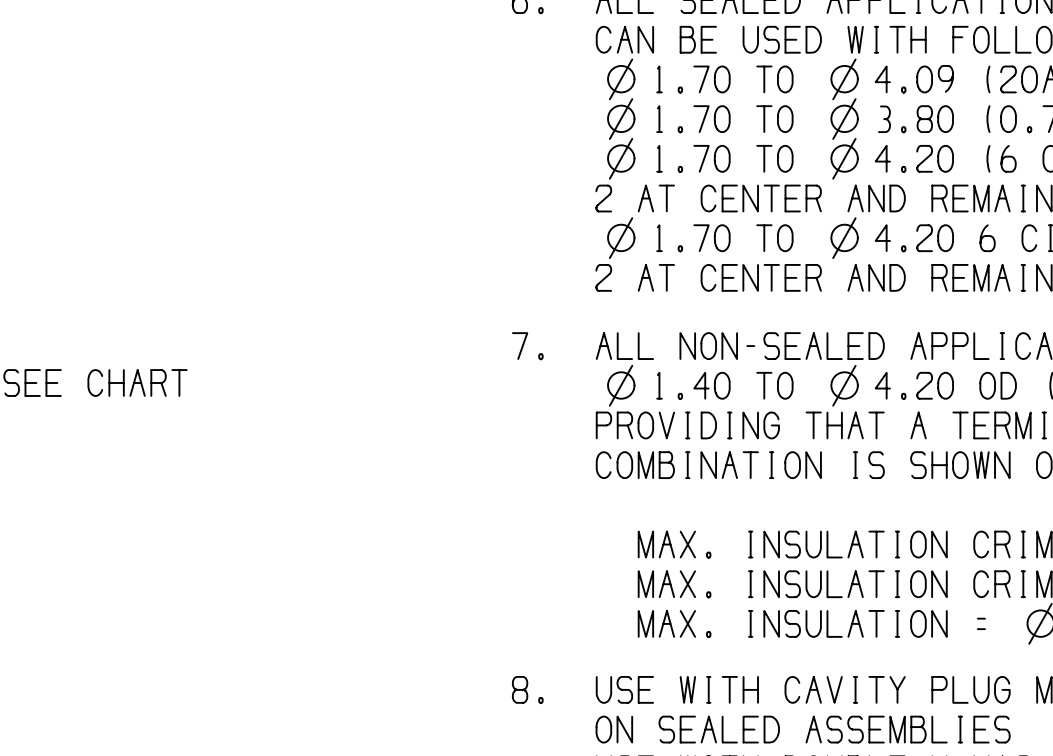
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



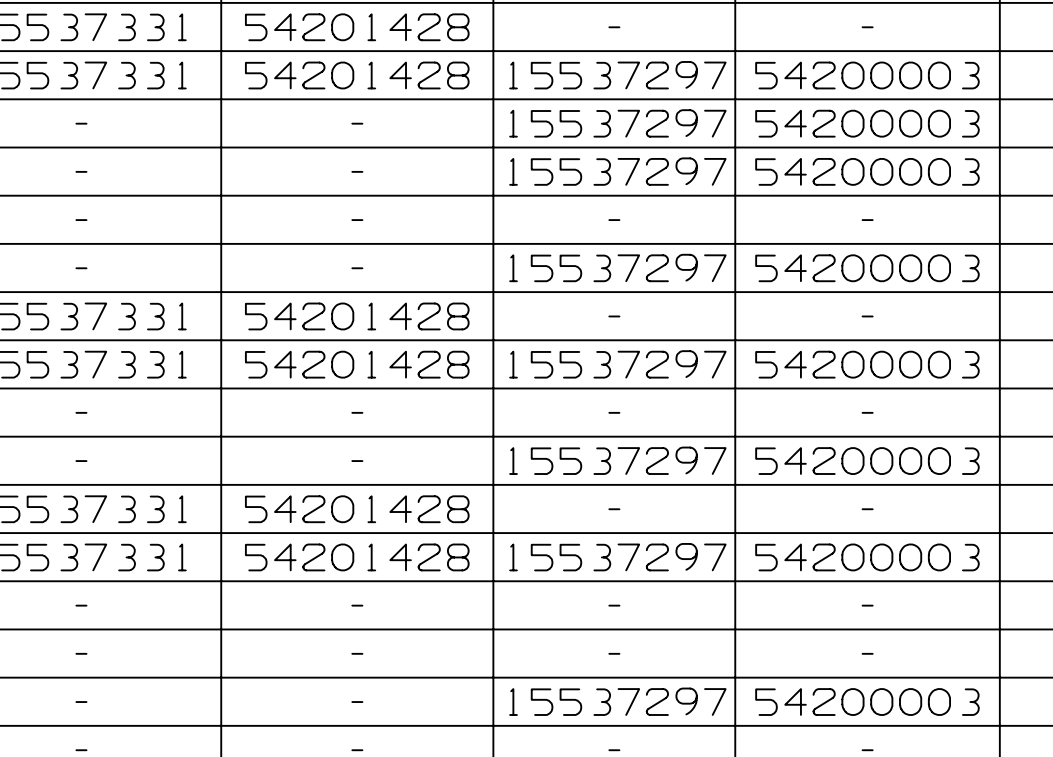
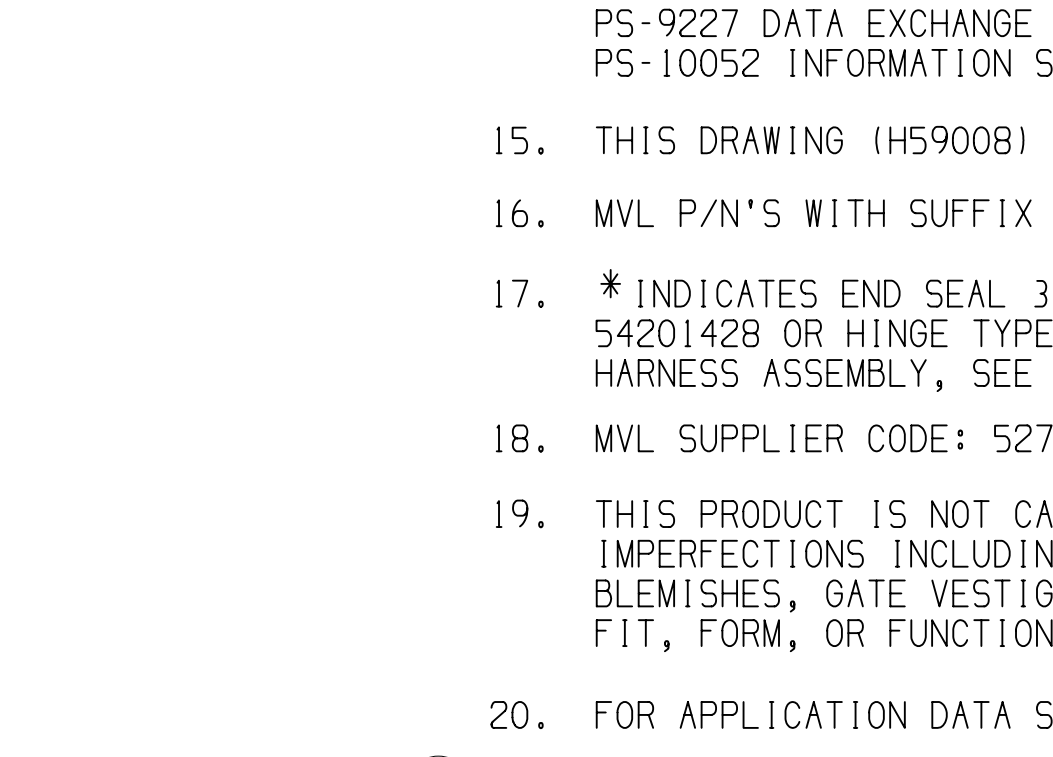
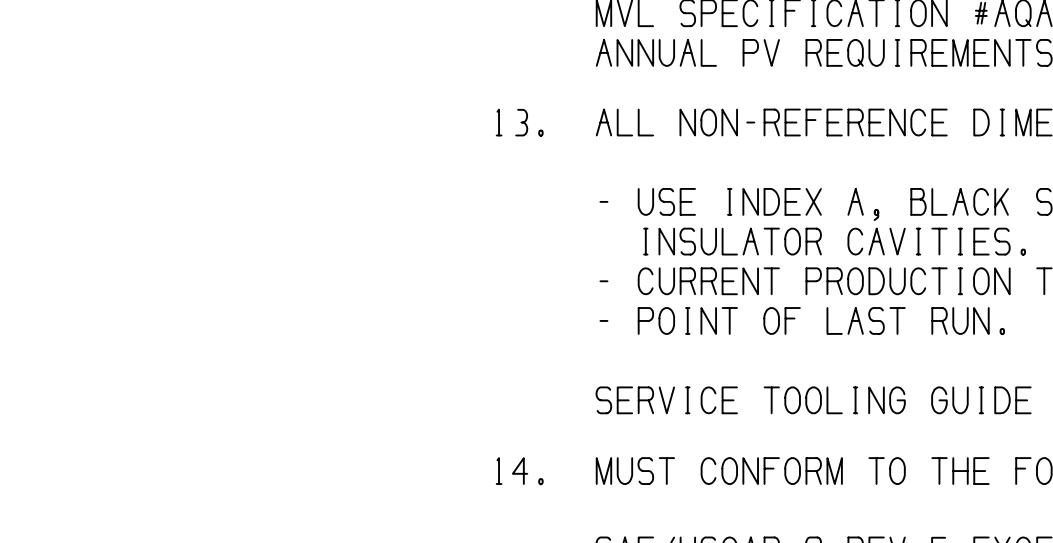
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



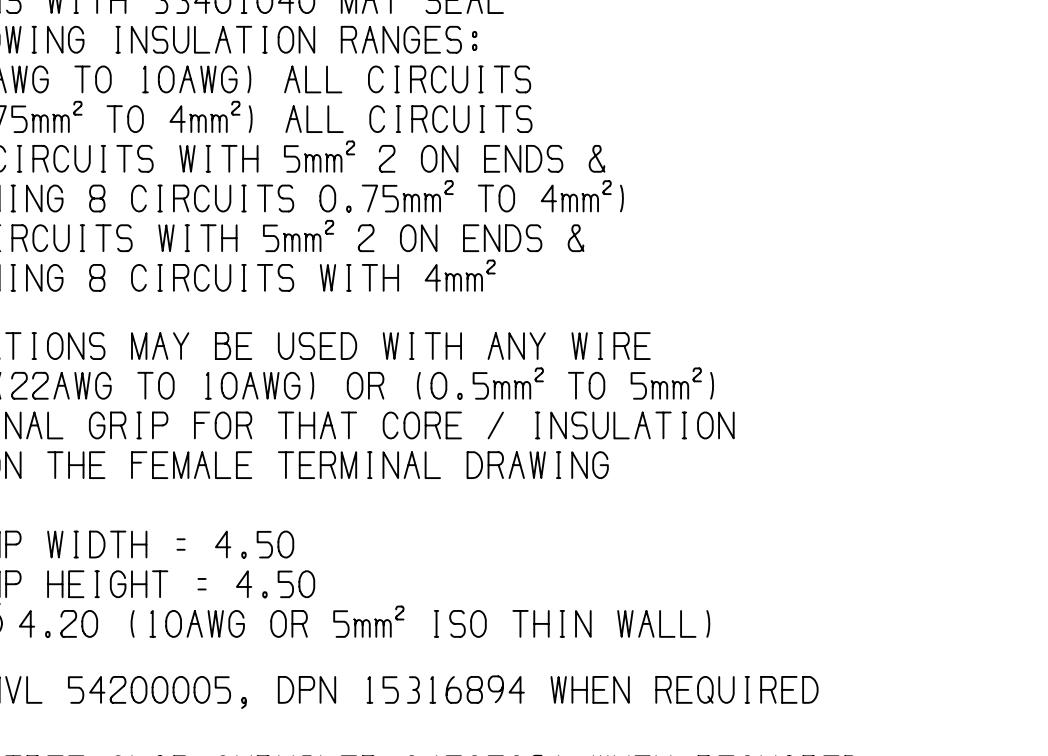
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



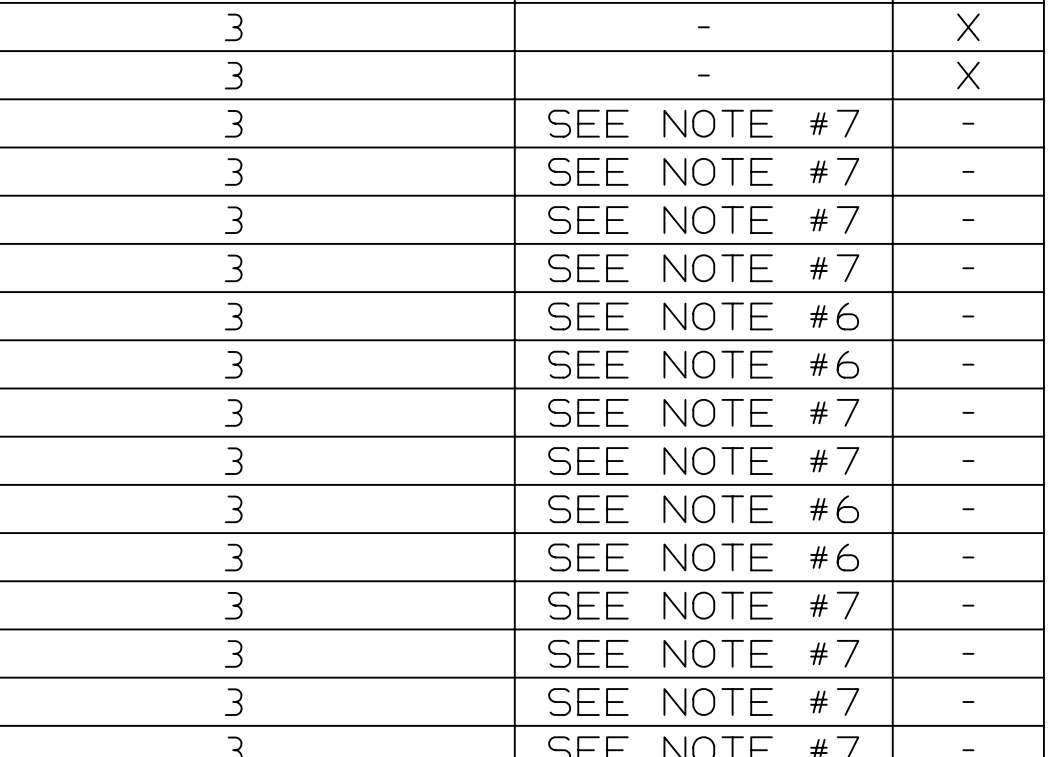
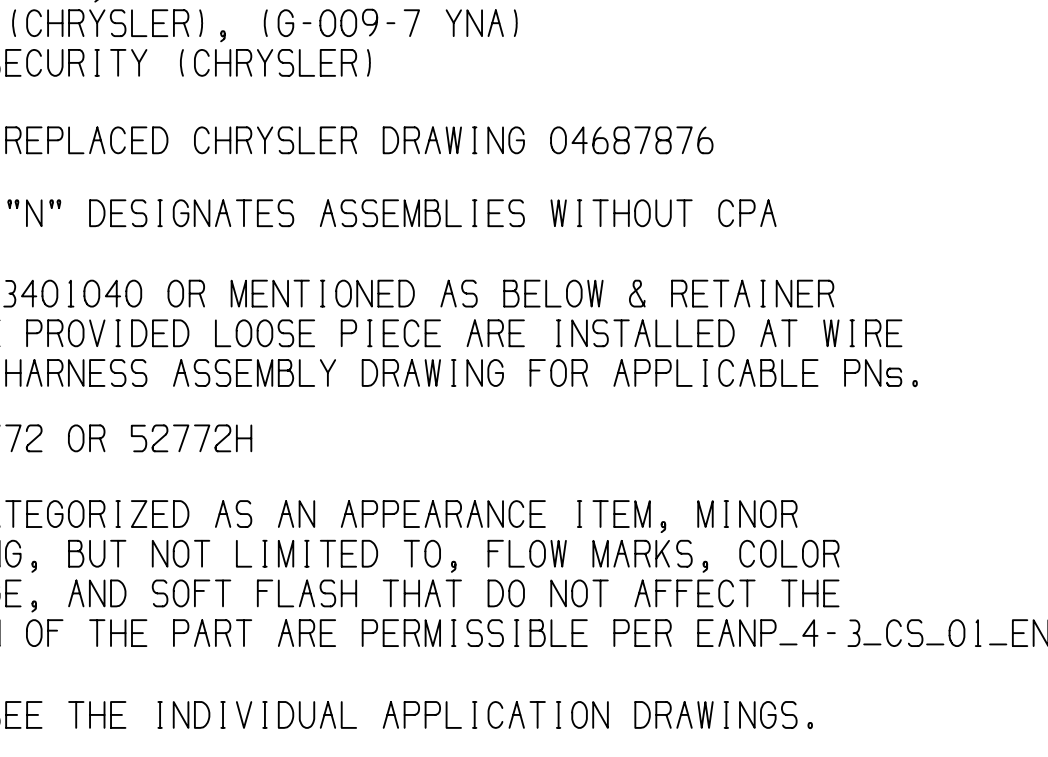
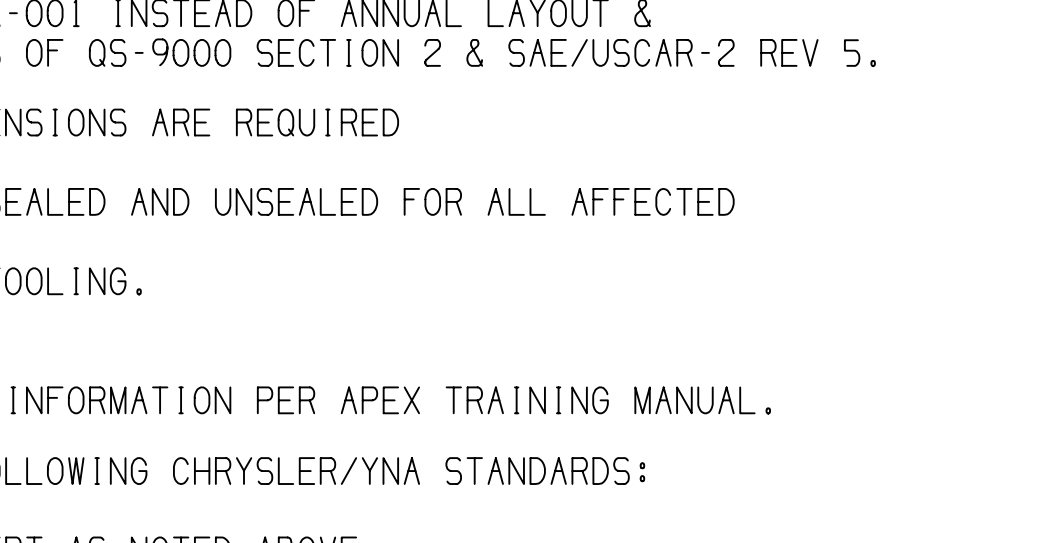
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



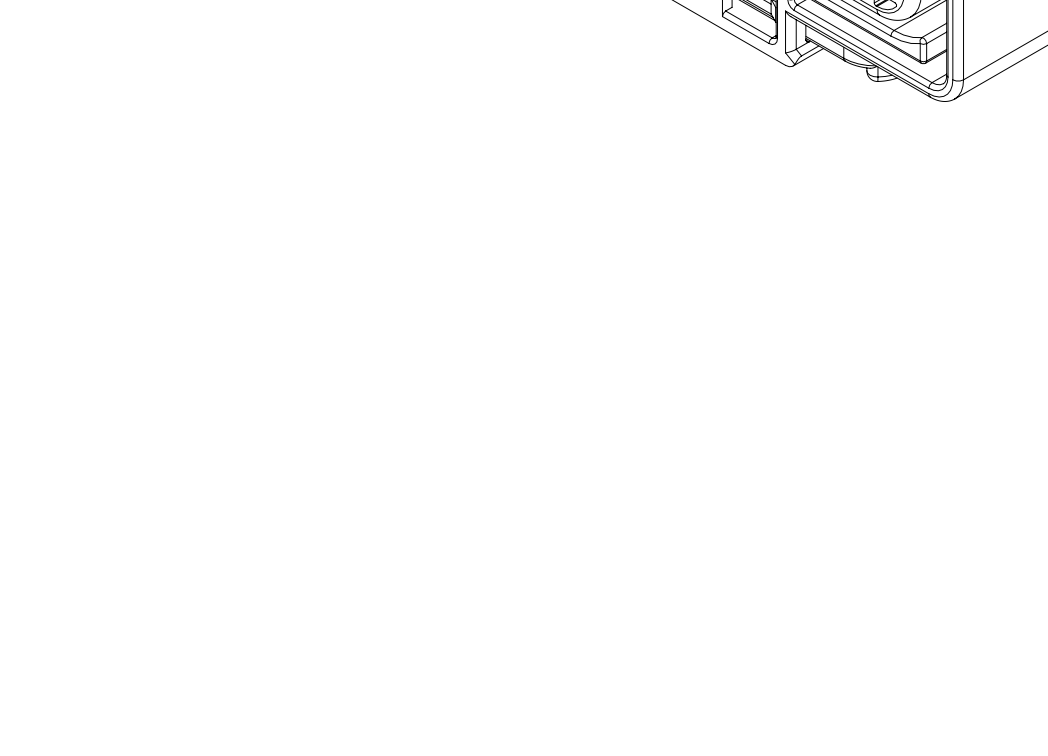
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



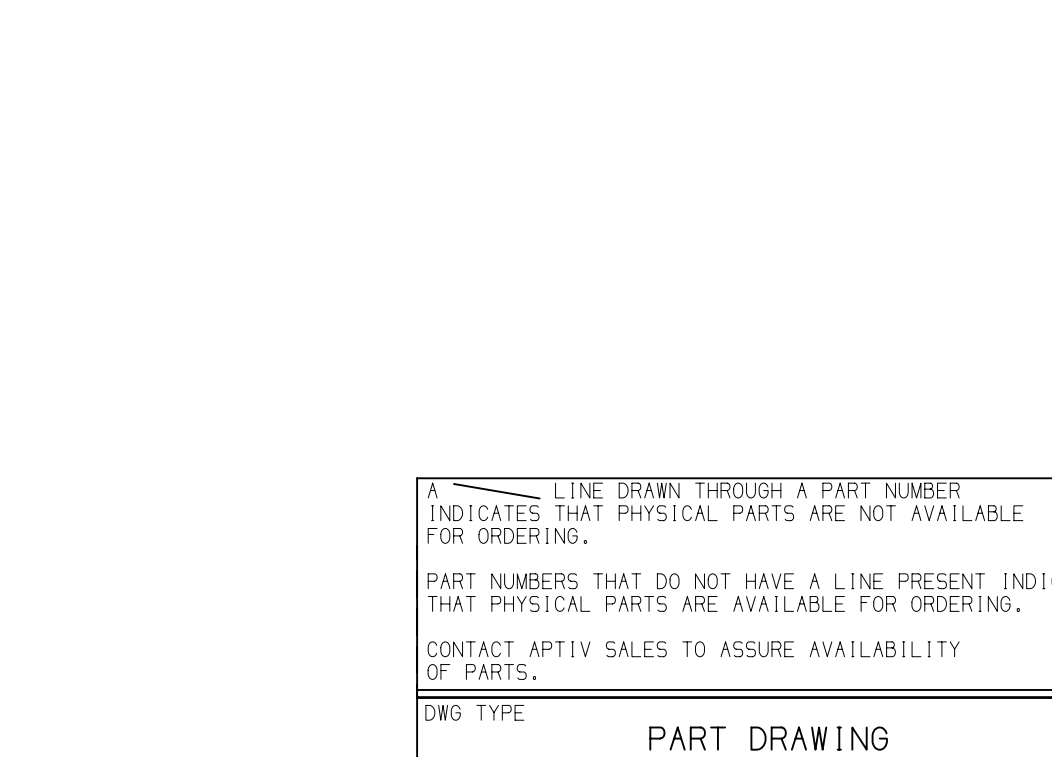
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(SKIRTLESS)
N/O FINGER GRIP



AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



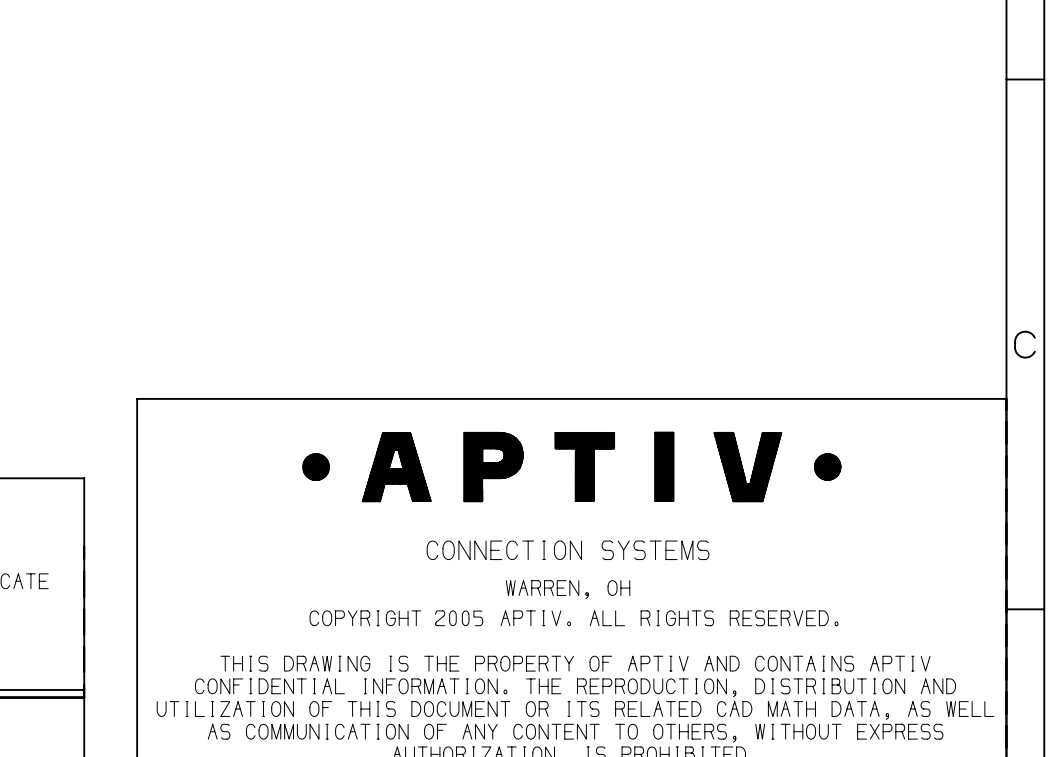
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
N/O FINGER GRIP



AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY

KEY PRODUCT CHARACTERISTICS				SYMBOL DEFINITION				MISSING SYMBOLS											
SAFETY/COMPLIANCE	FIT/FUNCTION	TOTAL ON DRAWING	I	A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	57	NO MISSING SYMBOL NUMBER	DATE	STA	CD	REF	ZONE	REVISION HISTORY		AUTH	DR	APPROV		
		LAST NO. USED						1											
		F/F CHECKPOINTS																	
		S/C CHECKPOINTS																	
TYPE		DESCRIPTION	RATIONALE	PTS	ZONE	LAST NO. USED		30											
FF		WIDTH CONNECTOR		22		190017		11		-		-		ALL PARTS - RELEASED		437347			
						190017		11		-		-		ALL PARTS - RELEASED "SHT 1 OF 2"		437347			
						190017		11		-		-		ALL PARTS - RELEASED		437347			
						190017		11		-		-		ALL PARTS - RELEASED		437347			
						190017		11		-		-		ALL PARTS - RELEASED		437347			

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR REFERENCE SEE MVL DRAWING H59008

3. ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.

4. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.

5. WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.

6. ALL SEALED APPLICATIONS WITH 33401040 MAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
Ø 1.70 TO Ø 4.20 (22AWG TO 10AWG) ALL CIRCUITS
Ø 1.70 TO Ø 3.80 (0.75mm² TO 4mm²) ALL CIRCUITS
Ø 1.70 TO Ø 4.20 (6 CIRCUITS WITH 5mm² 2 ON ENDS & 2 AT CENTER AND REMAINING 8 CIRCUITS 0.75mm² TO 4mm²)
Ø 1.70 TO Ø 4.20 (6 CIRCUITS WITH 5mm² 2 ON ENDS & 2 AT CENTER AND REMAINING 8 CIRCUITS WITH 4mm²)

7. ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE Ø 1.40 TO Ø 4.20 (22AWG TO 10AWG) (OR 10.5mm² TO 5mm²) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE / INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING.

MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION = Ø 4.20 (10AWG OR 5mm² 150 THIN WALL)

8. USE WITH CAVITY PLUS MVL 54200005, DPN 15316894 WHEN REQUIRED ON SEALED ASSEMBLIES.
USE WITH DOUBLE X-MAS TREE CLIP CHRYSLER 04707091 WHEN REQUIRED USE WITH SINGLE X-MAS TREE CLIP CHRYSLER 04625797 WHEN REQUIRED USE WITH 2.5MM APEX FEMALE TERMINAL PER MVL 035004-0051 SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION.

9. DIRECT CONNECT DRAWING NO. MVL 036014 (CHRYSLER 047070291).

10. TEST METHOD PER CHRYSLER PERFORMANCE SPEC SAE/USCAR-2 REV. 5. CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSURE FORCE NOT TO EXCEED 142N FOR THIS SYSTEM.

PRESSURE 3 PSI (22 KPA) PER PF-752(1)
CPA SEATING FORCES = 40N MAX
WEDGE SEATING FORCES = 142N MAX
X-MAS TREE CLIP INSERTION FORCES = 75N MAX

11. SUPPLIER I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE.

12. ANNUAL QUALITY REQUIREMENTS:

IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #A24-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-1000 SECTION 2 & SAE/USCAR-2 REV. 5.

13. ALL NON-REFERENCE DIMENSIONS ARE REQUIRED

- USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES.
- CURRENT PRODUCTION TOOLING.
- POINT OF LAST RUN.

SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL.

14. MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:

SAE/USCAR-2 REV.5 EXCEPT AS NOTED ABOVE
PS-7300 QUALITY ASSURANCE (CHRYSLER)
PS-4480 CEK-4 (CHRYSLER) PART 1.D., (G-009-2 YNA)
PS-9005 REGRIND (CHRYSLER), (G-009-3 YNA)
PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
PS-10052 INFORMATION SECURITY (CHRYSLER)

15. THIS DRAWING (H59008) REPLACES CHRYSLER DRAWING 04607876

16. MVL P/N'S WITH SUFFIX "N" DESIGNATES ASSEMBLIES WITHOUT CPA

17. * INDICATES END SEAL 33401040 OR MENTIONED AS BELOW & RETAINER 54201428 OR HINGE TYPE PROVIDED LOOSE PIECE ARE INSTALLED AT WIRE HARNESS ASSEMBLY, SEE HARNESS ASSEMBLY DRAWING FOR APPLICABLE PNG.

18. MVL SUPPLIER CODE: 52772 OR 52772H

19. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, DATE VESTIGES, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EAMP-4-1-CS-01.01EN.

20. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

21. OPTIONAL SECONDARY WIREDRESS COVER AVAILABLE FOR ALL SEALED ASSEMBLIES. SEE TAXI 33315535.

1464	01	AA	B	F271010	U	15537450	54201433	15537446	54201448	15537332	54201449	-	-	-	33514498	CB55900	15537331	54201428	15537297	54200003	3	SEE NOTE #6	-	
1465	01	AA	C	F371010	U	15537453	54201434	15537446	54201448	15537332	54201449	-	-	-	33514498	CB55900	15537331	54201428	15537297	54200003	3	SEE NOTE #6	-	
33401041	01	AA	-	-	-	15537452	54201432	15537446	54201448	15537332	54201449	33401040	-	-	-	-	-	15537331	54201428	15537297	54200003	3	SEE NOTE #6	-
35046503	01	AA	-	-	-	15537450	-	-	-	15537332	54201449	-	-	-	15537419	54201457	15537331	54201428	-	-	3	-	X	
33299511	01	AB	Z	-	-	33295866	-	-	-	15537332	54201449	-	-	-	15537419	54201457	15537331	54201428	15537297	54200003	3	-	X	
33511460	01	AB	D	54201452	T	15537418	54201451	15537446	54201448	-	-	-	-	-	-	-	15537297	54200003	3	SEE NOTE #7	-	-		
33511463	01	AB	D	54201467	T	15537457	54201466	15537446	54201448	-	-	-	-	-	-	-	15537297	54200003	3	SEE NOTE #7	-	-		
33511457	01	AB	D	54201403N	T	33523206	54201423	15537446	54201448	-	-	-	-	-	-	-	15537297	54200003	3	SEE NOTE #7	-	-		
33511452	01	AB	D	54201403	T	33523206	54201423	15537446	54201448	-	-	-	-	-	-	-	15537297	54200003	3	SEE NOTE #7	-	-		
13755839	02	AC	D	54201414N	U	15537455	54201435	15537446	54201448	15537332	54201449	33401040	-	-	-	-	15537331	54201428	-	-	3	SEE NOTE #6	-	
33511459	02	AC	D	54201414	U	15537455	54201435	15537446	54201448	15537332	54201449	33401040	-	-	-	-	15537331	54201428	-	-	3	SEE NOTE #6	-	
33511452	01	AB	D	54201452N	T	15537418	54201451	15537446	54201448	-	-	-	-	-	-	-	15537297	54200003	3	SEE NOTE #7	-	-		
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