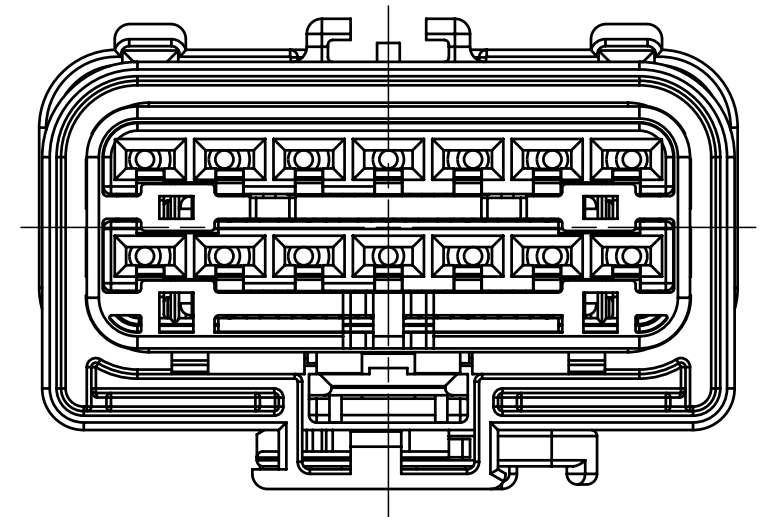
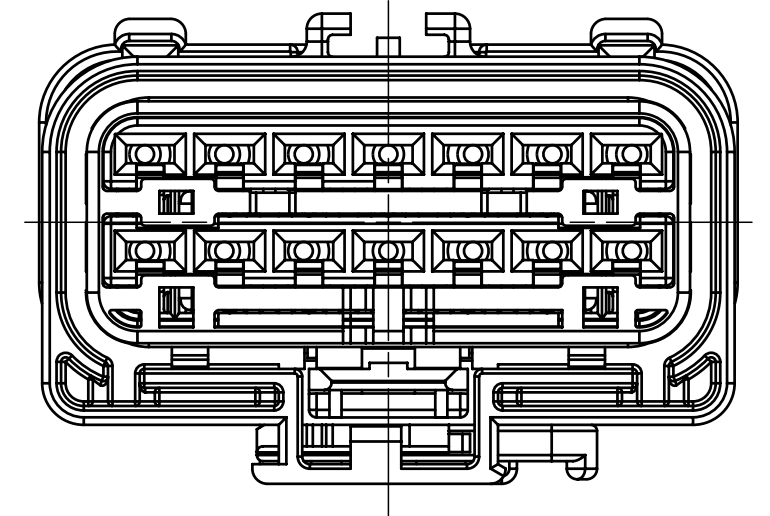
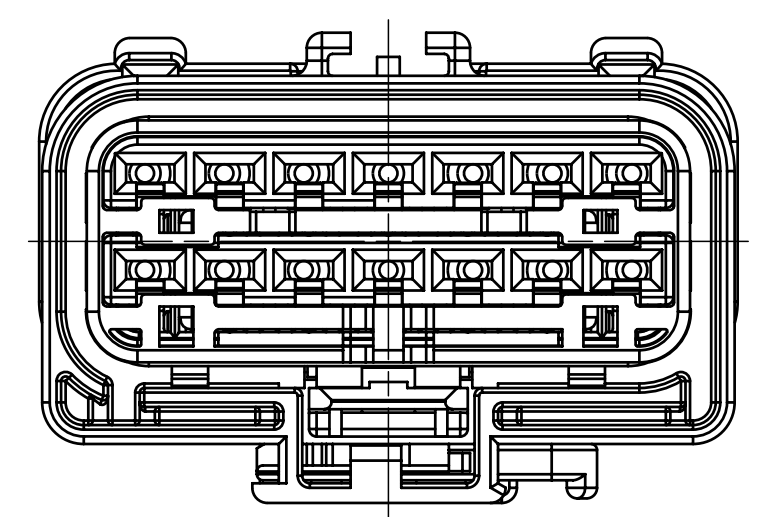




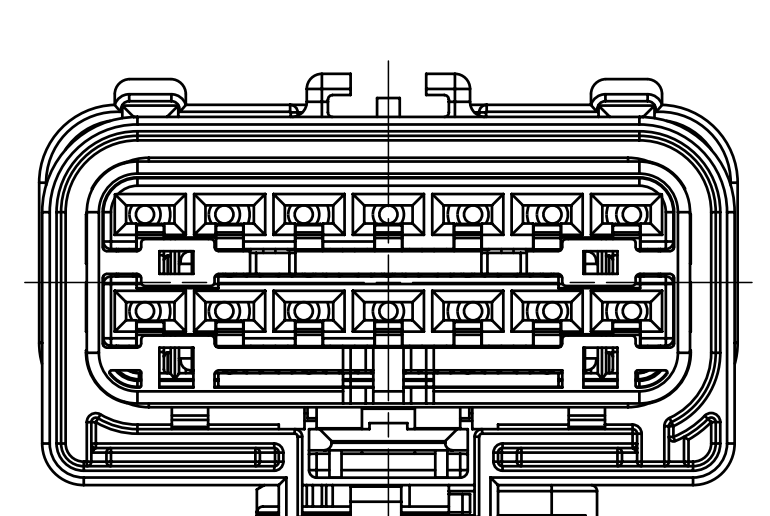
AUXILIARY VIEW
TYPE A



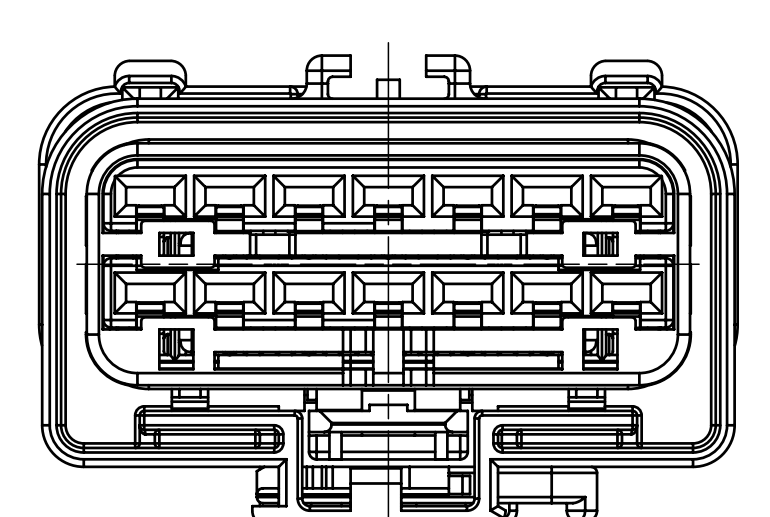
TYPE B
SAME AS TYPE A
EXCEPT AS SHOWN



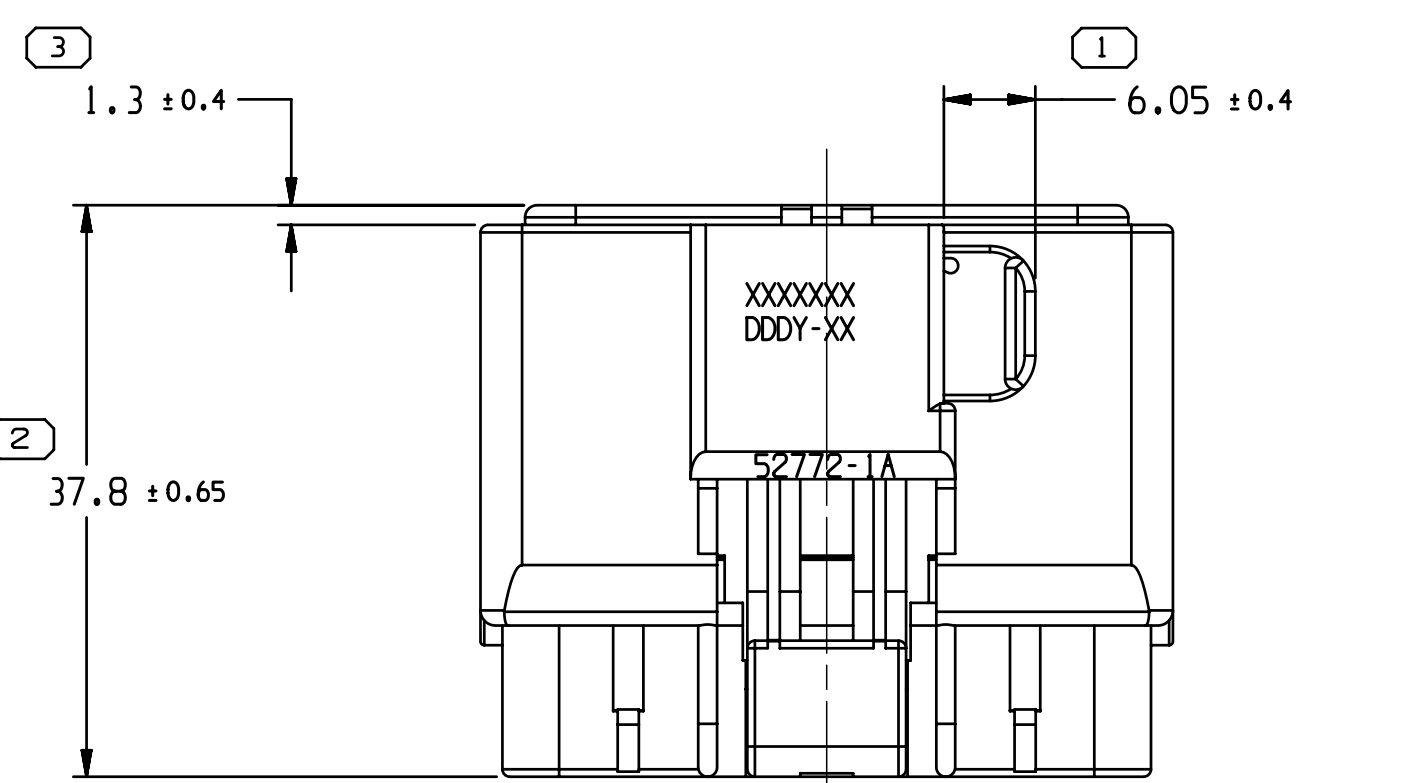
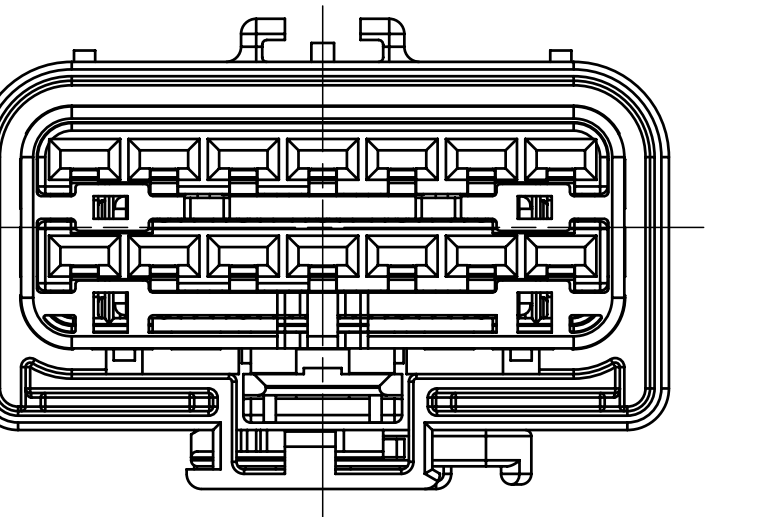
TYPE C
SAME AS TYPE A
EXCEPT AS SHOWN



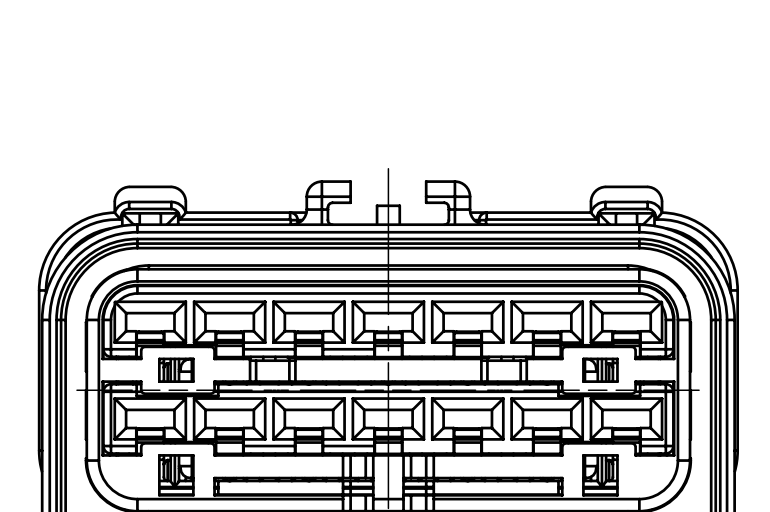
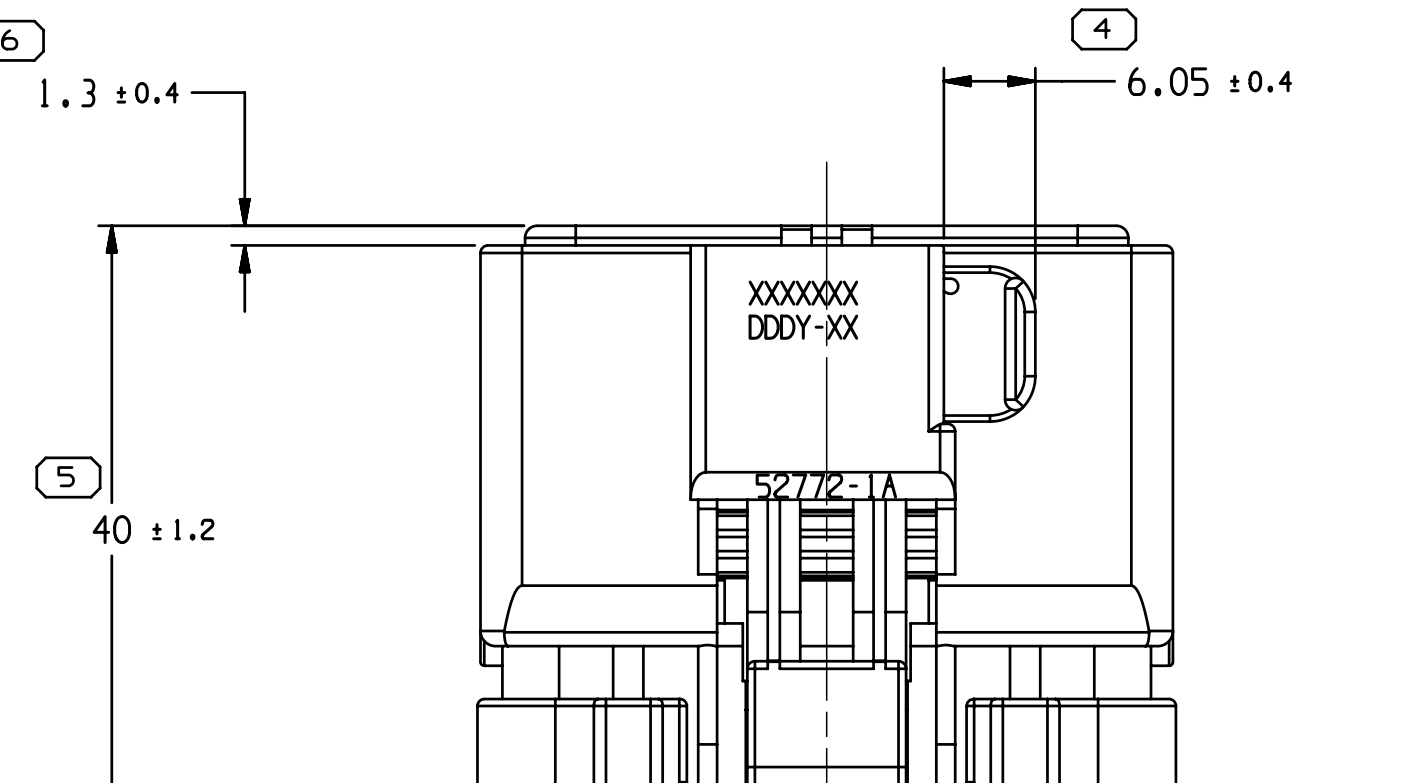
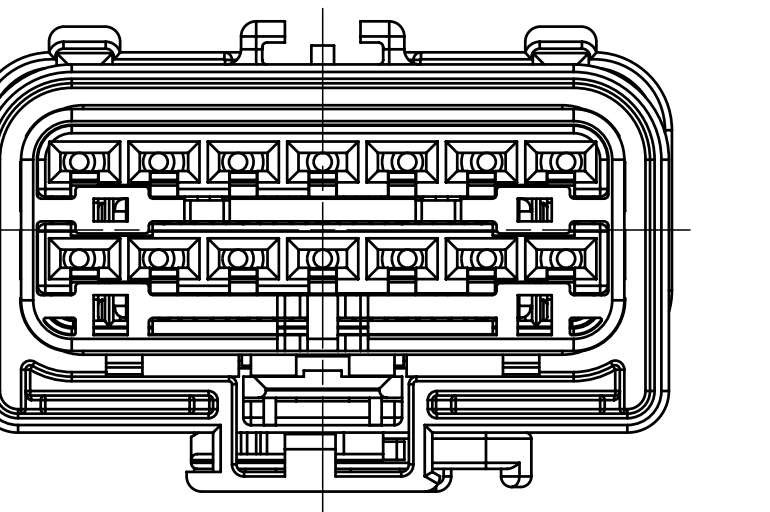
TYPE D
SAME AS TYPE A
EXCEPT AS SHOWN



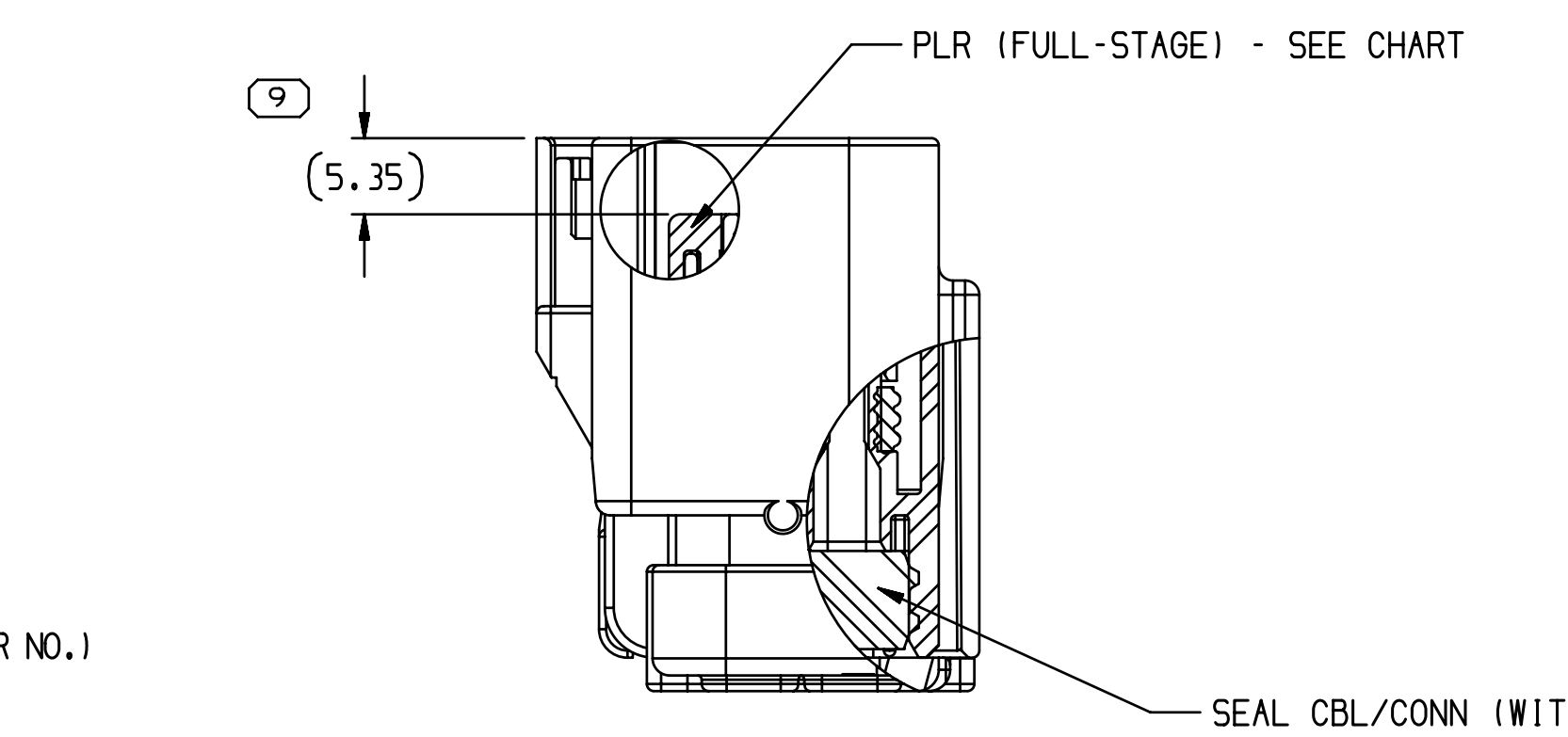
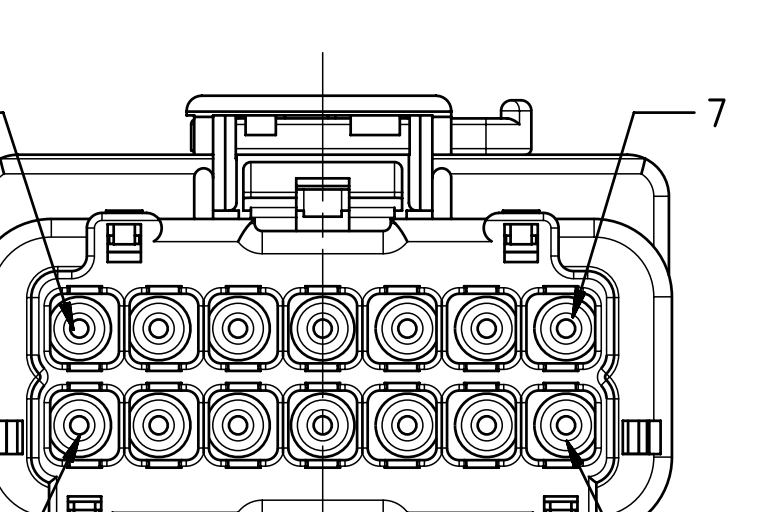
TYPE Z
SAME AS TYPE A
EXCEPT AS SHOWN



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

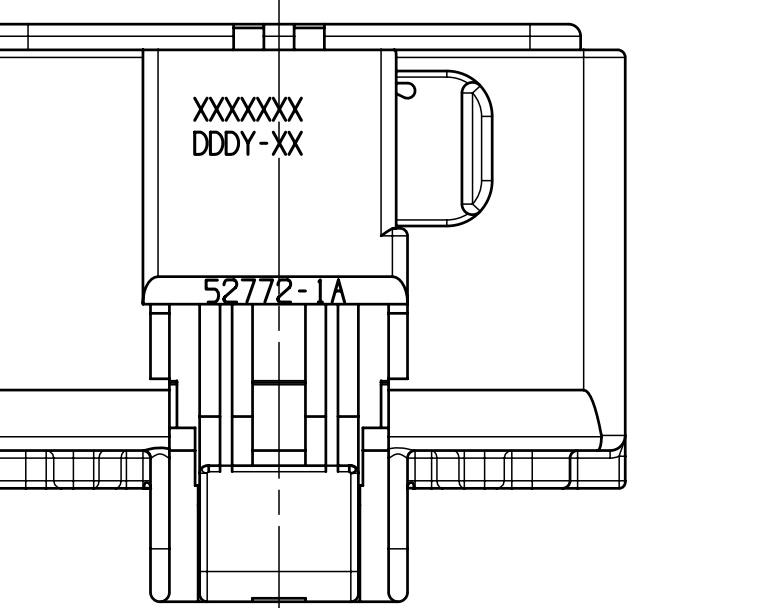
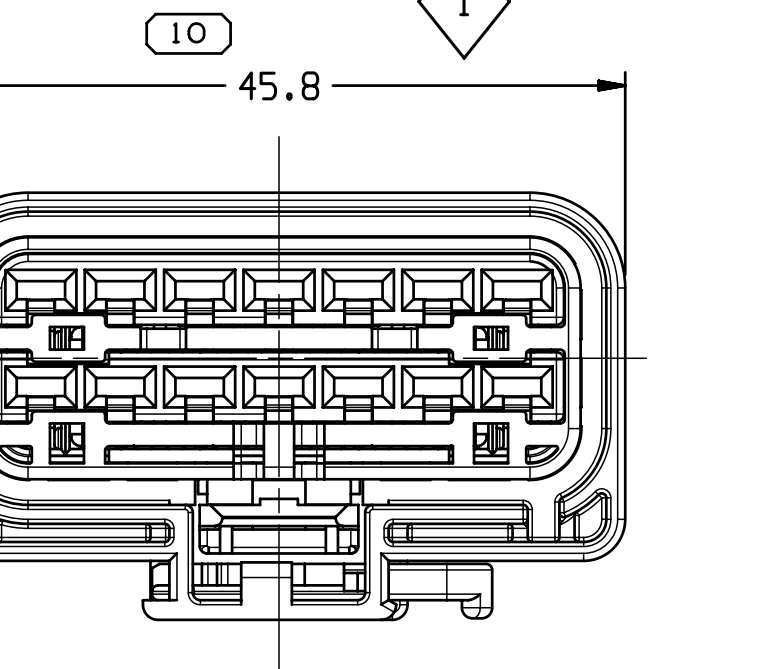


TYPE Z
SAME AS TYPE A
EXCEPT AS SHOWN

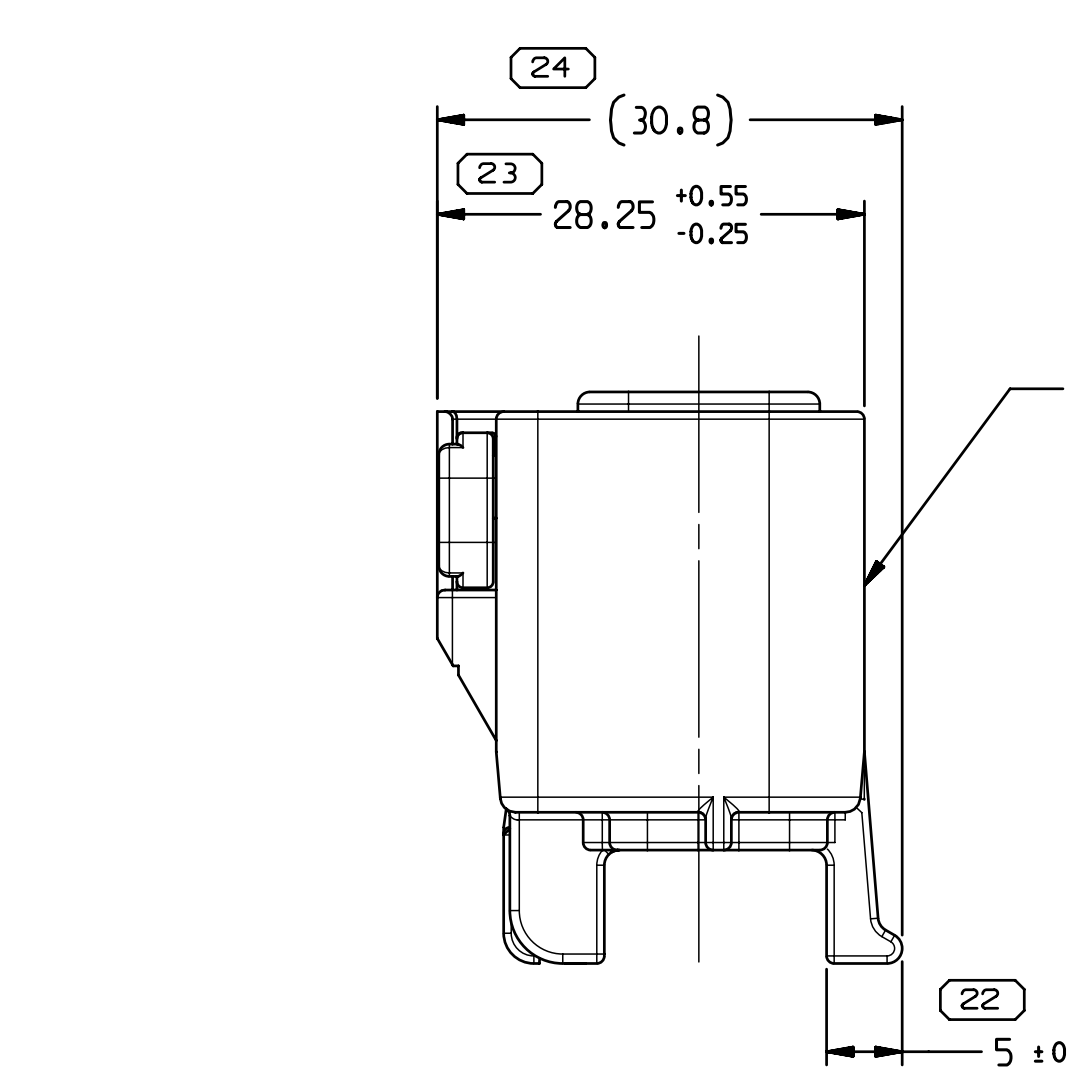
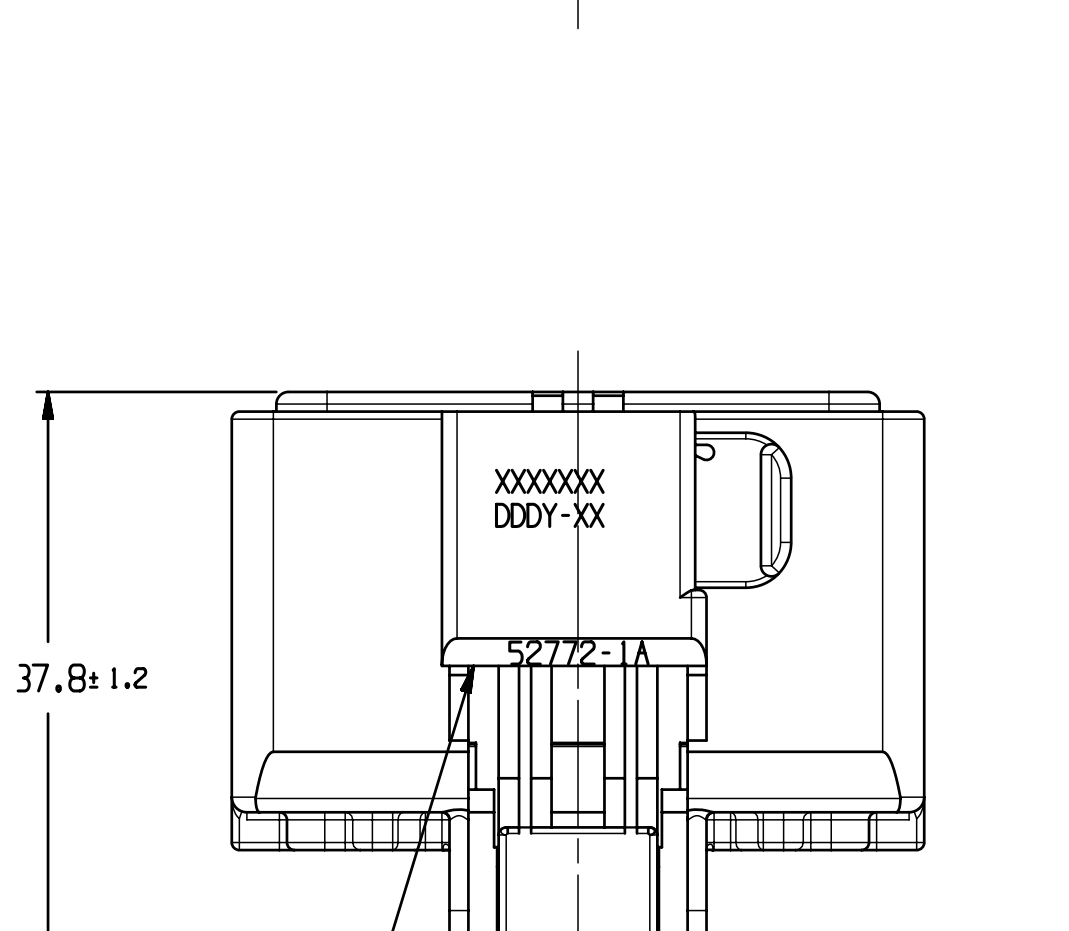
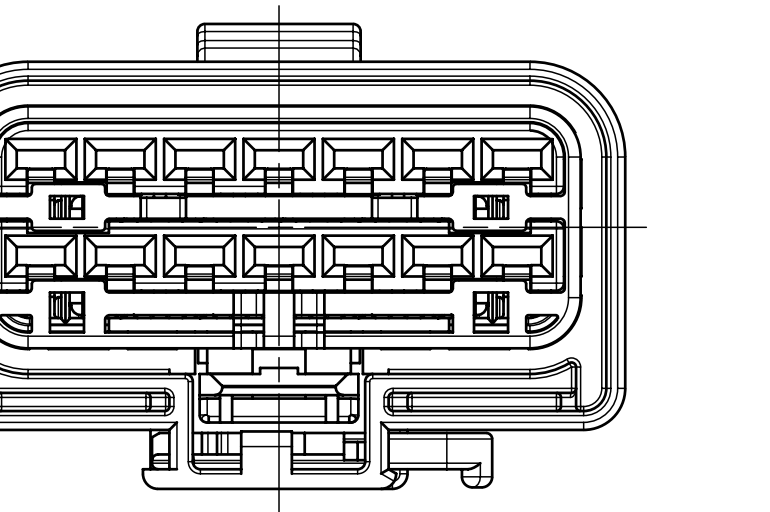


FOR MVL P/N 54201445N
APN 3511467

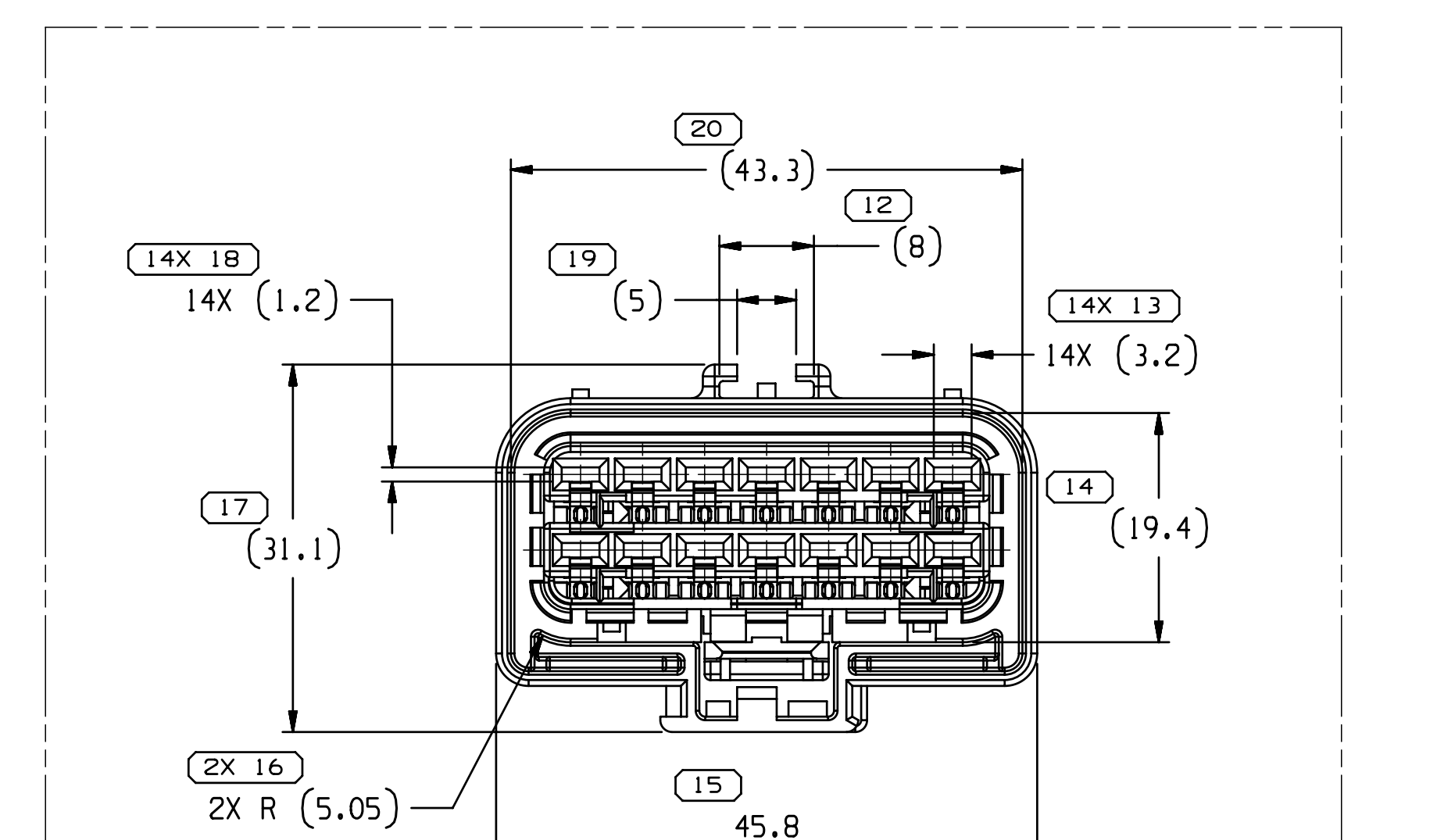
AUXILIARY VIEW
TYPE A - SEALED ASSEMBLY



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



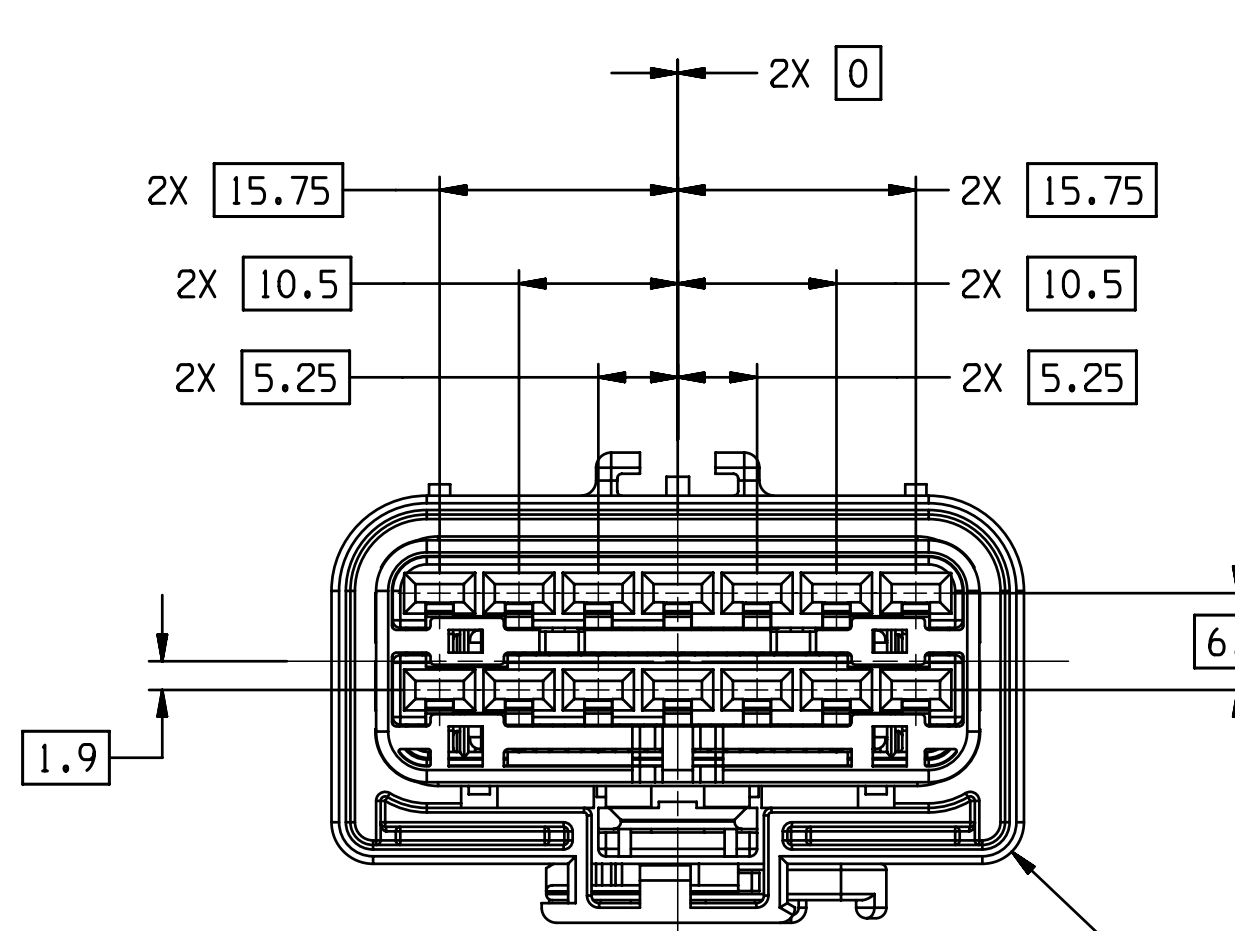
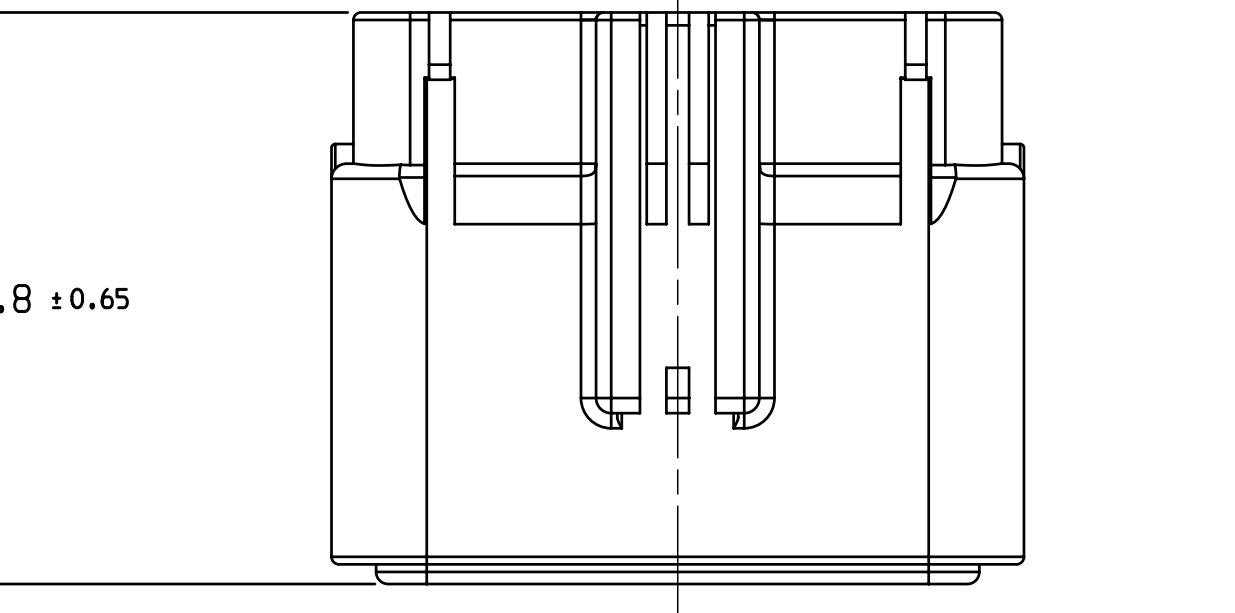
AUXILIARY VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
WITH FINGER GRIP



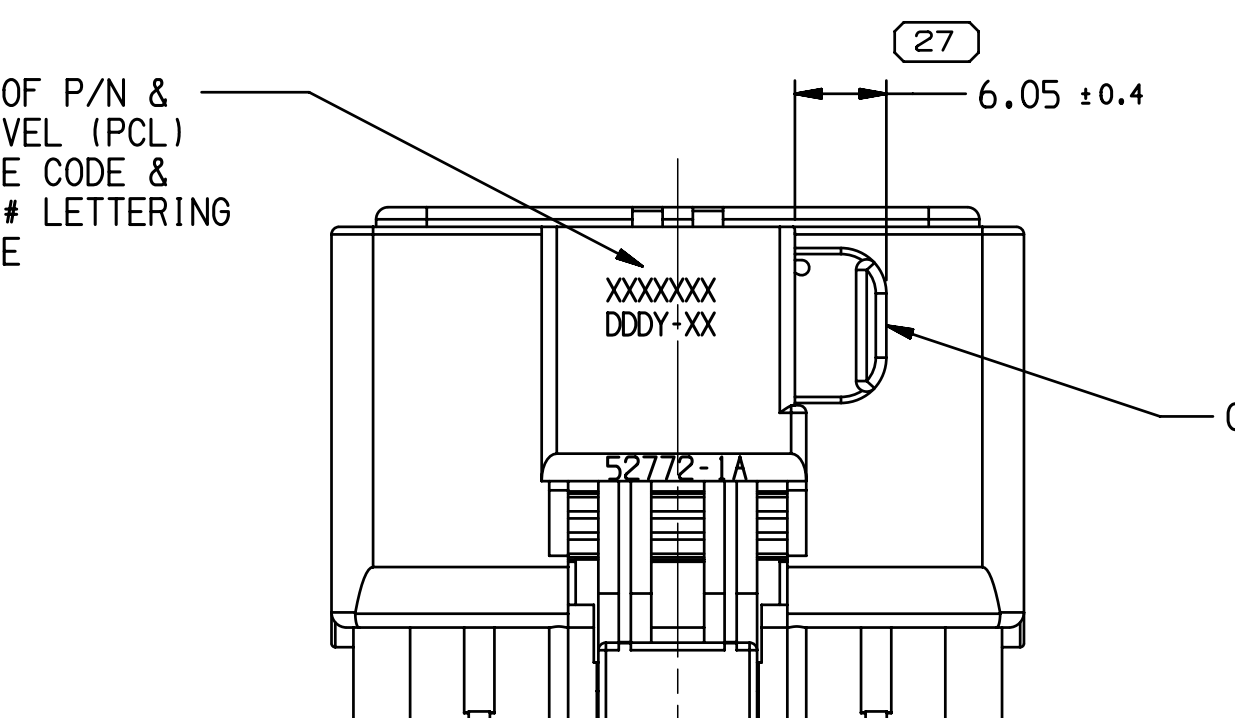
AUXILIARY VIEW
TYPE A - CONNECTOR VIEW
FOR REFERENCE ONLY

DRAWING NUMBER
10858609

SIZE A1x4 2:1 2 OF 2 1 OF 2 R 16



TYPE A



SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

TYPE A

SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

TYPE A

SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

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(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

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SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

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(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

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SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

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SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

TYPE A

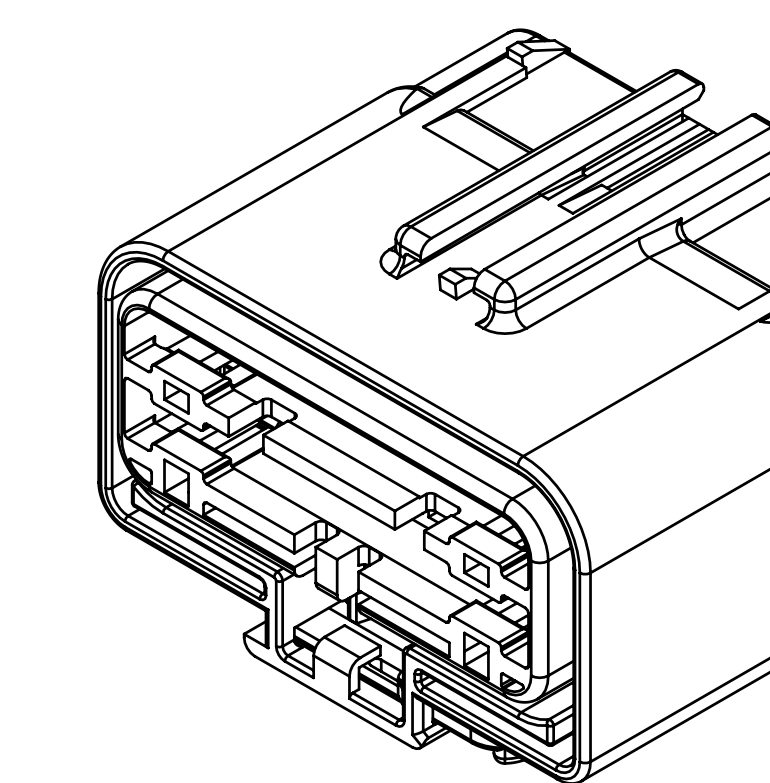
SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

TYPE A

KEY PRODUCT CHARACTERISTICS		SYMBOL DEFINITION	
SAFETY/COMPLIANCE	FIT/FUNCTION	TOTAL ON DRAWING	LAST NO. USED
S/C CHECKPOINTS	F/F CHECKPOINTS	LAST NO. USED	LAST NO. USED
NO & TYPE	DESCRIPTION	RATIONALE	PTS ZONE
1	FF	WIDTH CONNECTOR	22L

NOTES

- 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.
 - FOR REFERENCE SEE MVL DRAWING H59008
 - ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.
 - CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
 - WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.
 - ALL SEALED APPLICATIONS WITH 33401040 MAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
 - Ø 1.70 TO Ø 4.00 (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)
 - 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)
 - 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 DOWN APEX FEMALE TERMINAL PER MVL C15004-C05T SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION.
 - DIRECT CONNECT DRAWING NO. MVL 036014 (CHRYSLER 047070291).
 - 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
- SUPPLIER I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE.
- ANNUAL QUALITY REQUIREMENTS:
 - IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #M4-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/USCAR-2 REV. 5.
- 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.
- 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-0005 REGRIND (CHRYSLER), (G-009-3 YNA)
 - PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
 - PS-10052 INFORMATION SECURITY (CHRYSLER)
- THIS DRAWING (H59008) REPLACES CHRYSLER DRAWING 04687876
- MVL P/N'S WITH SUFFIX "M" DESIGNATES ASSEMBLIES WITHOUT CPA
- *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 PINS.
- MVL SUPPLIER CODE: 52772 OR 52772H
- THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, DATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER SAE-J-1155.01-EN.
- FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
- OPTIONAL SECONDARY WIRELESS COVER AVAILABLE FOR ALL SEALED ASSEMBLIES. SEE TAXI 33315535.
22. ASM CONNECTOR PN 35827369 WAS ANALYZED FOR CREEPAGE & CLEARANCE FOR 48 VOLT



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ONE STATUS		REVISION HISTORY		AUTH		DR	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
10/11/16	R 08	-	-	-	-	-	-
30/11/17	R 09	-	-	-	-	-	-
24/11/17	R 10	-	-	-	-	-	-
19/01/17	R 11	-	-	-	-	-	-
12/11/18	R 12	-	-	-	-	-	-
12/01/18	R 13	-	-	-	-	-	-
16/11/19	R 14	-	-	-	-	-	-
03/01/22	R 15	-	-	-	-	-	-
09/01/21	R 16	-	-	-	-	-	-

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