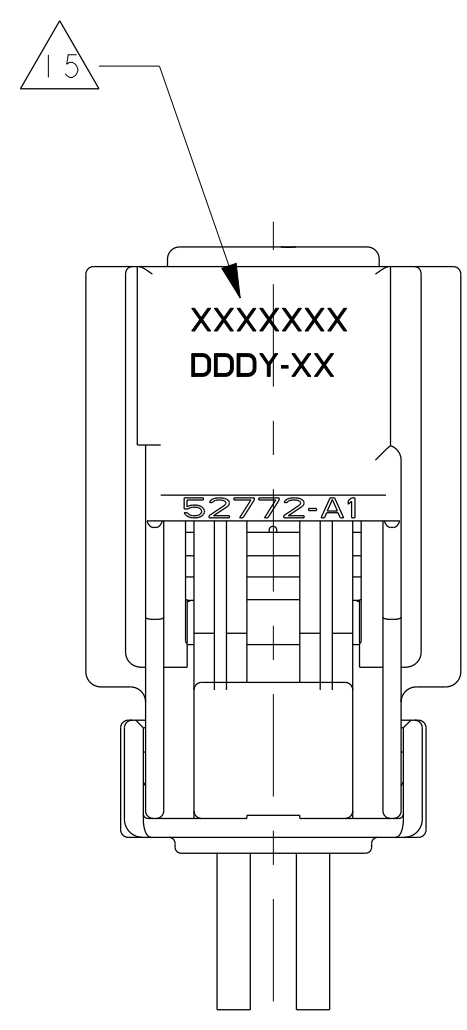
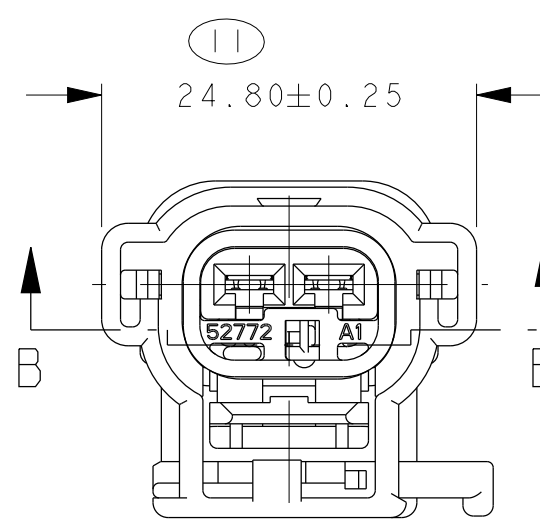
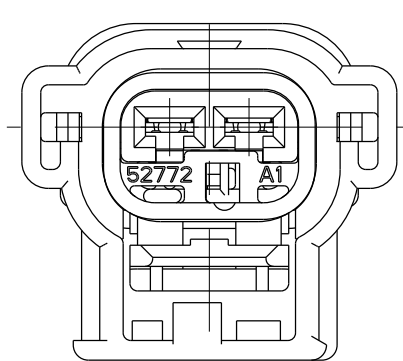
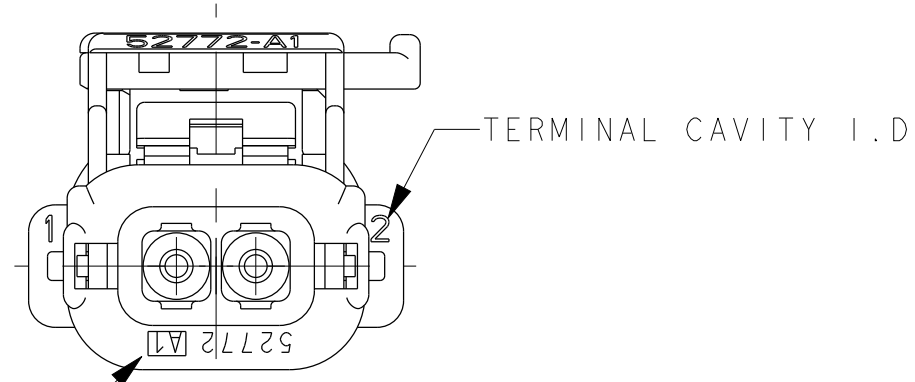
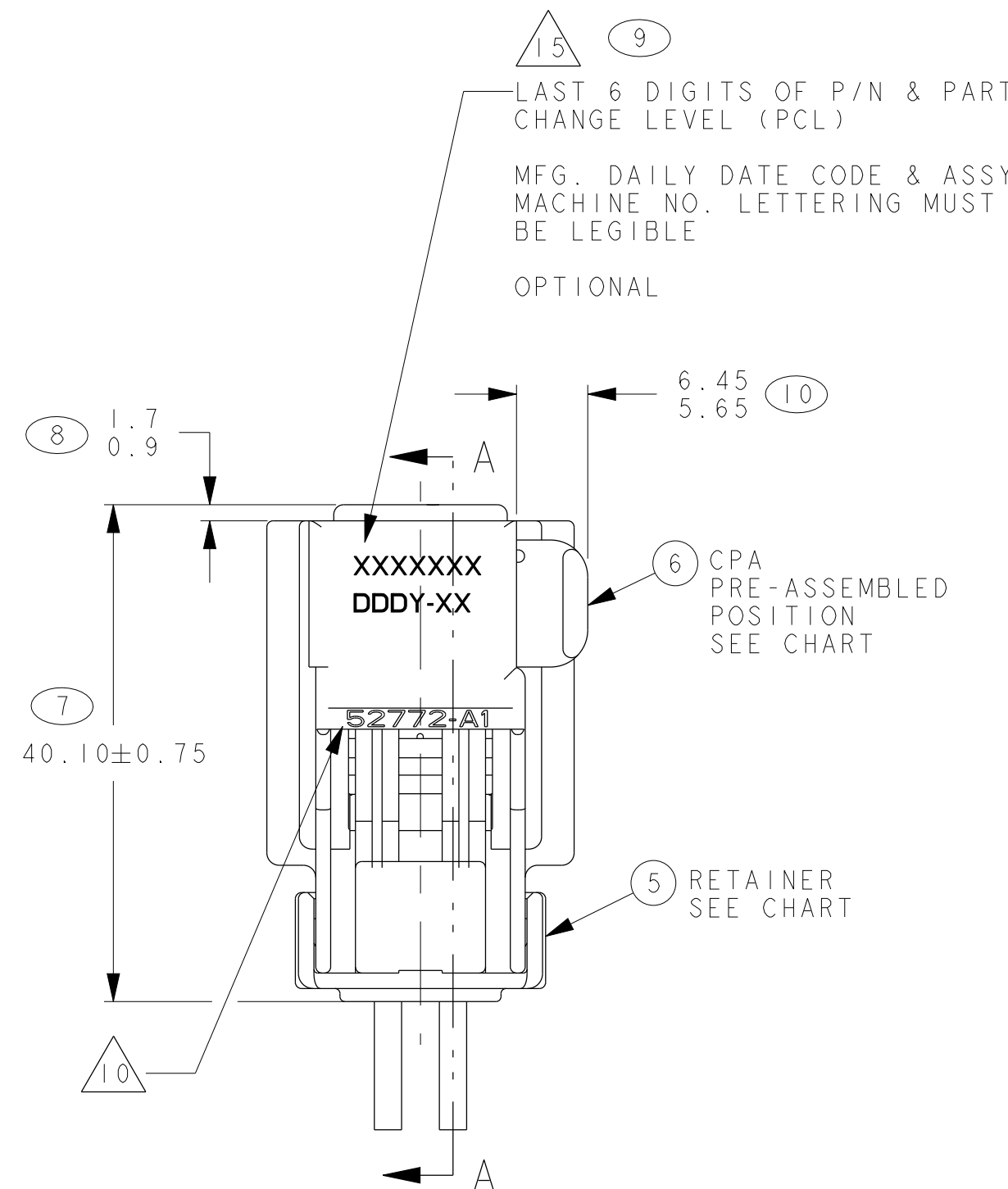


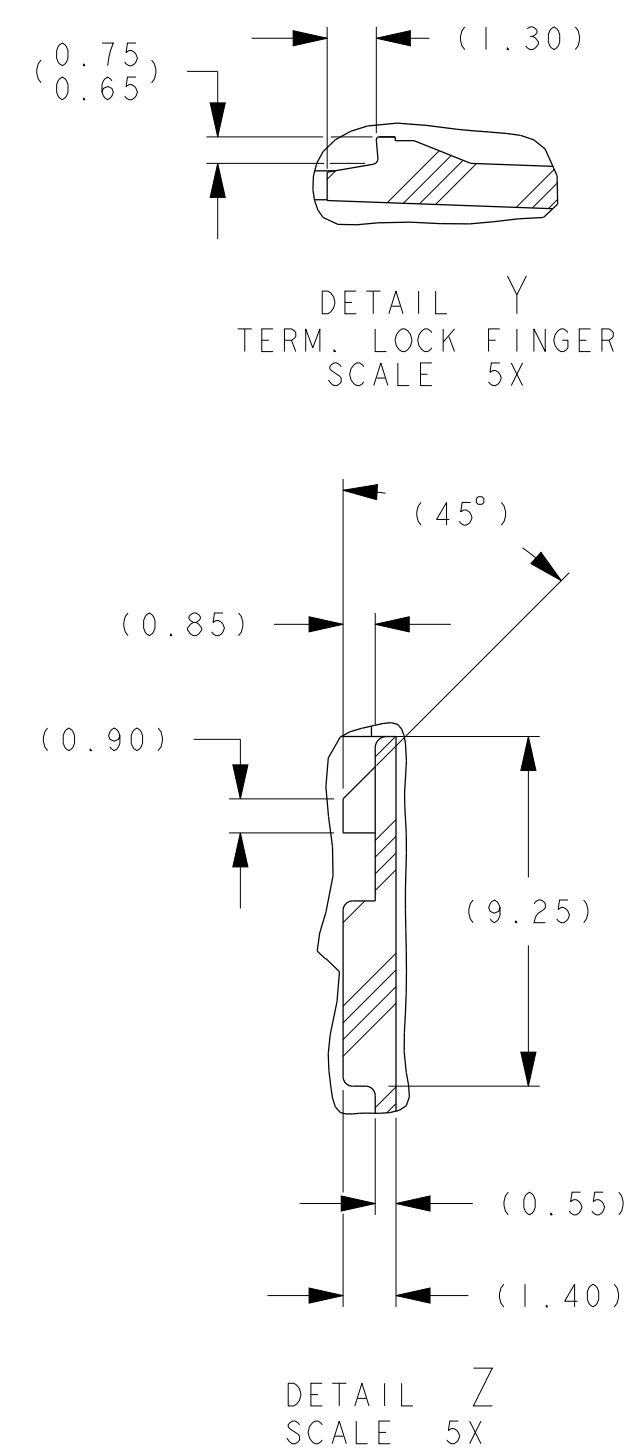
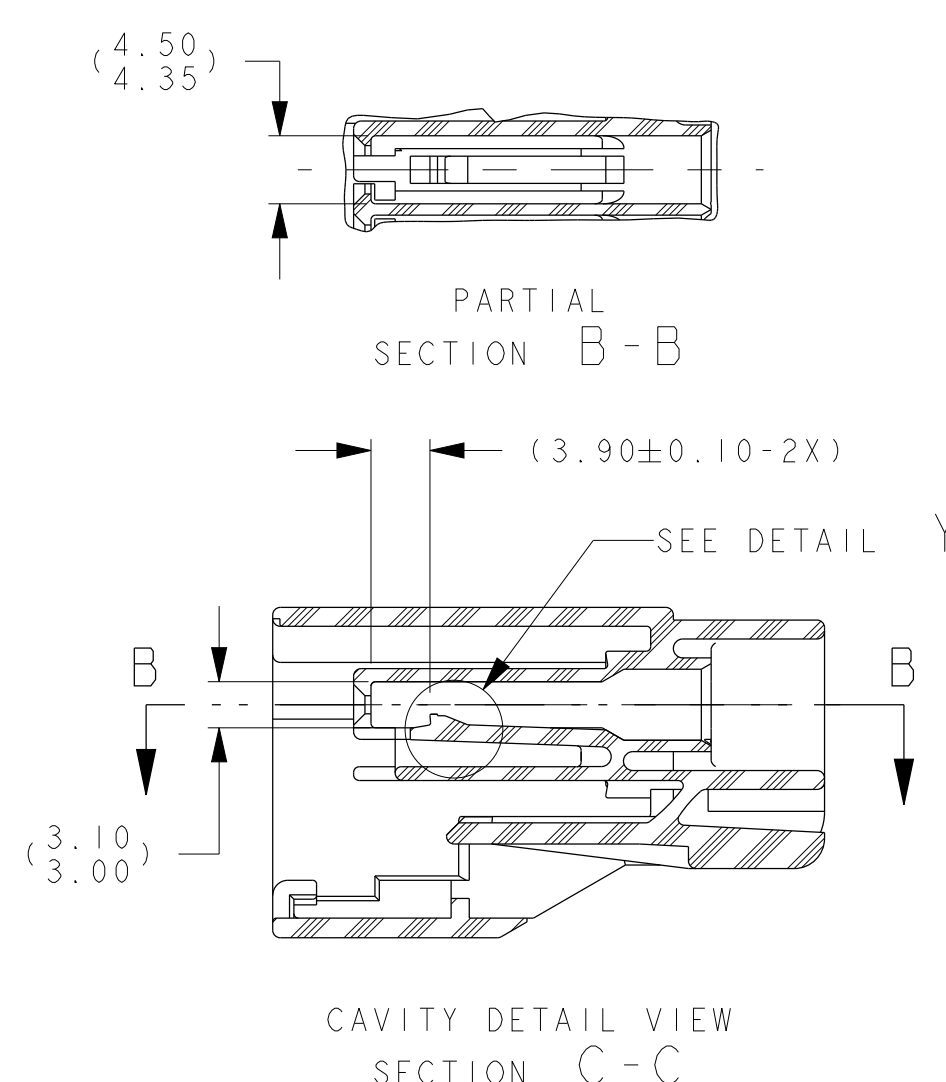
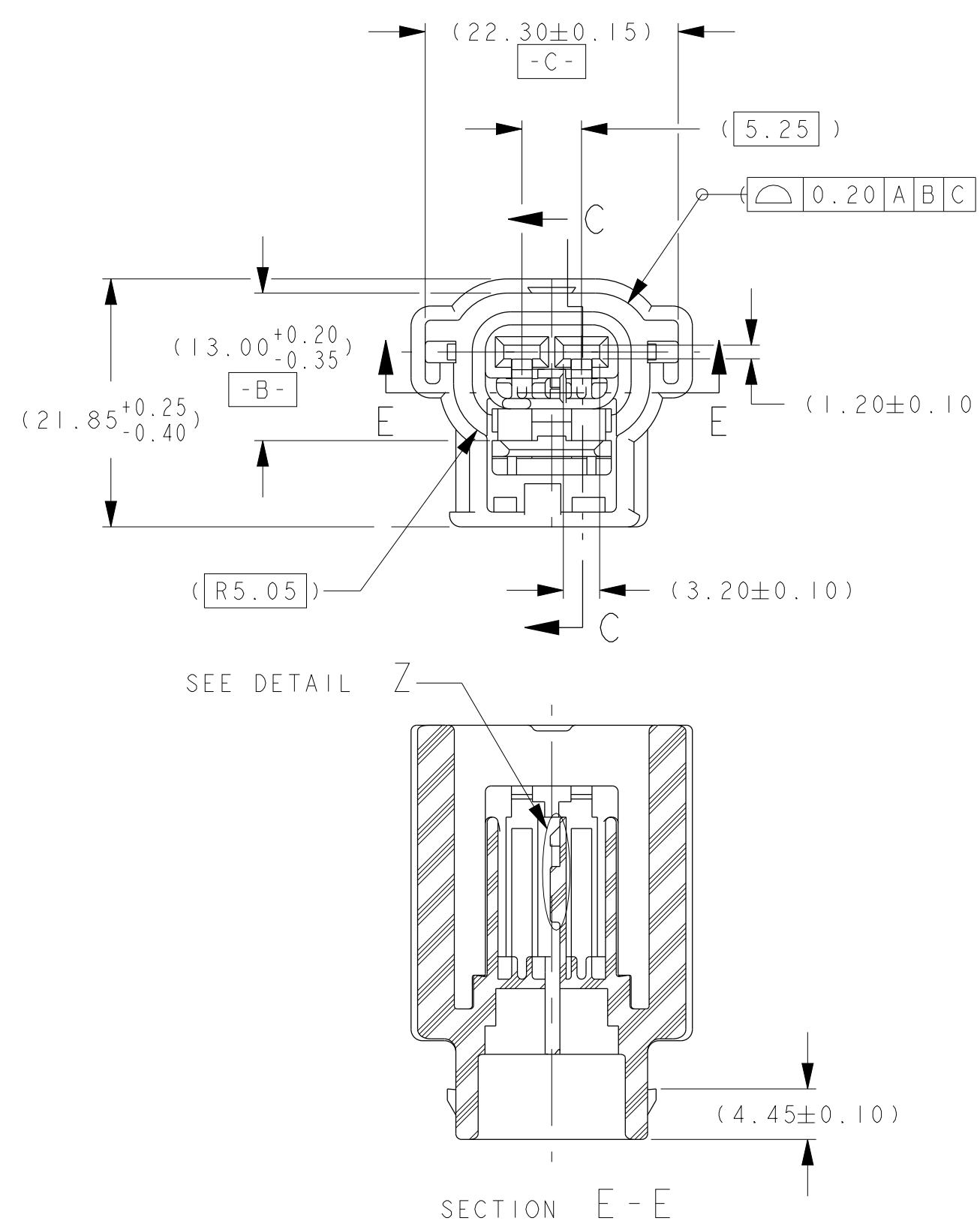
R  
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B  
A



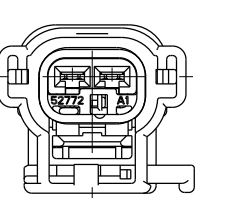
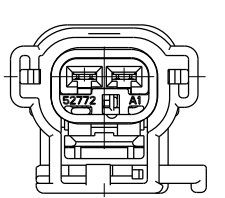
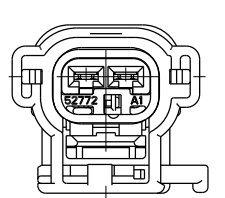
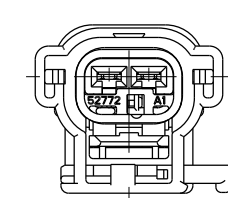
WITHOUT CPA  
SEE P/N CHART  
ALL DIMENSIONS SAME  
AS WITH CPA



SEALED ASSEMBLY VIEWS  
SEE PART NUMBER CHART  
SHOWN WITH CPA'S



INSULATOR VIEWS  
FOR REFERENCE



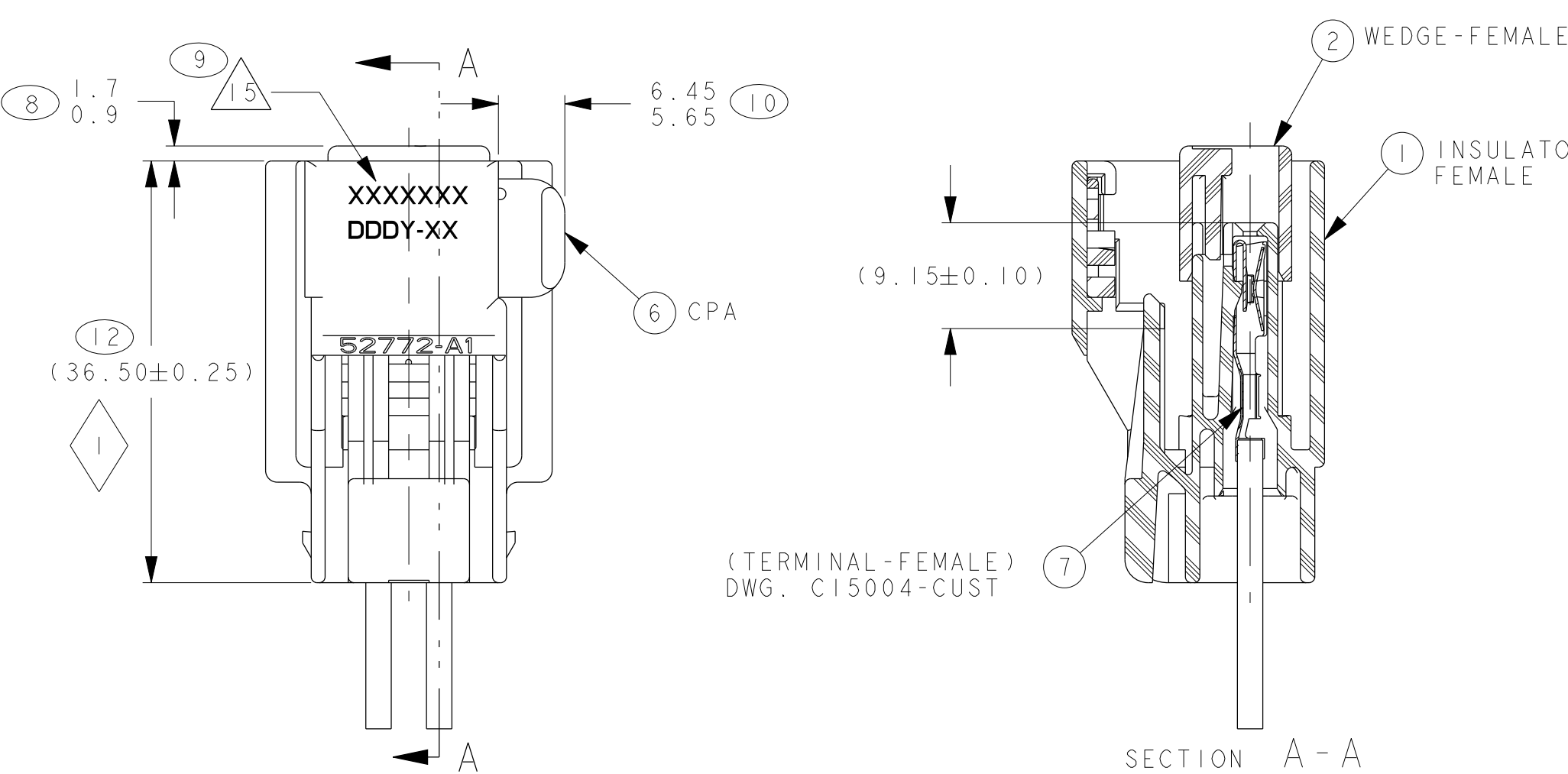
TYPE A

TYPE B

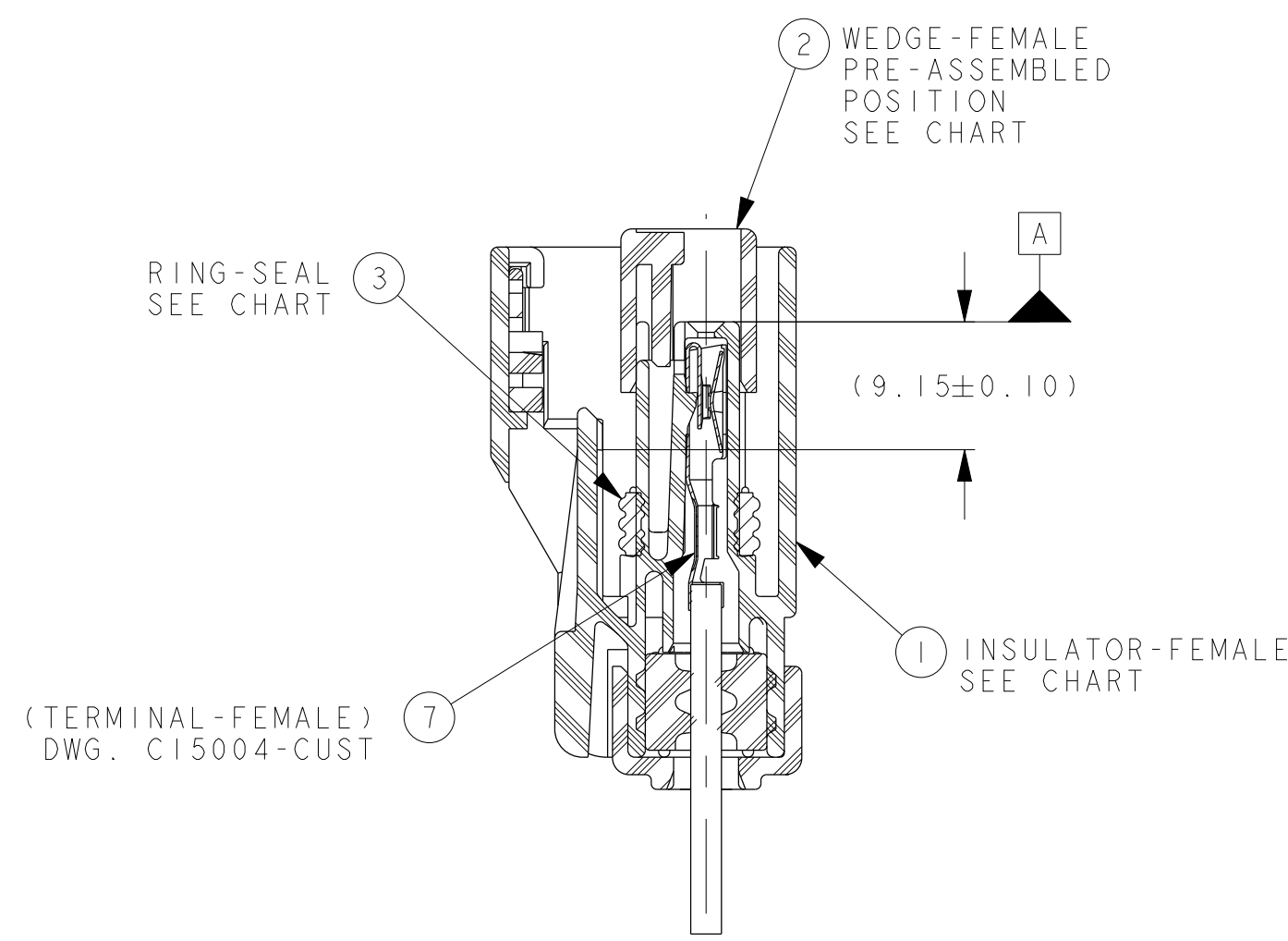
TYPE C

TYPE D

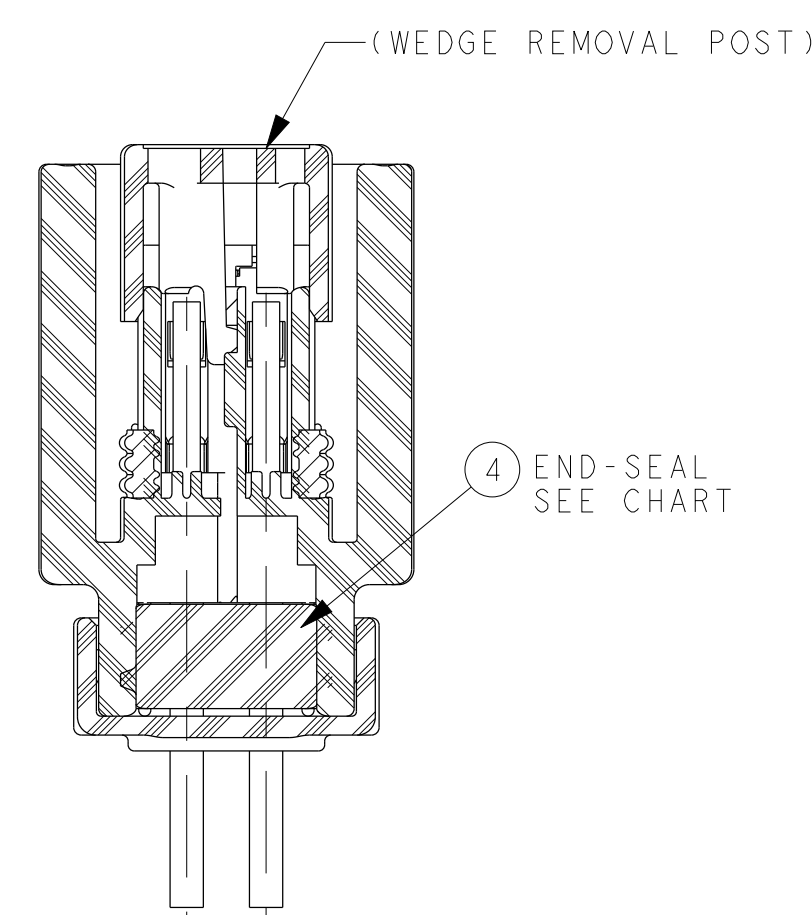
POLARIZATION OPTIONS  
FULL SIZE  
SHOWN W/CPA



UNSEALED ASSEMBLY VIEWS  
SEE PART NUMBER CHART



SECTION A-A



SECTION B-B

NOTES:

- QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 SPC DATA REQUIRED
- ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
- CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
- WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
- ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288, MS-9502 OR ISO 6722 EQUIVALENTS THIN WALL X-LINK ONLY  
A- ASSEMBLIES WITH MVL P/N 54200239 END SEAL MUST BE USED WITH 20 TO 14AWG OR ISO EQUIVALENTS WIRES WITH INSULATION 1.70 TO 2.77 O.D.  
B- ASSEMBLIES WITH MVL P/N 54200241 END SEAL MUST BE USED WITH 14 TO 10AWG OR ISO EQUIVALENTS WIRES WITH INSULATION 2.50 TO 4.09 O.D.
- ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 TO 10AWG OR ISO EQUIVALENTS (EXCEPT AS NOTED BELOW) PROVIDED THAT A TERMINAL GRIP FOR THAT CORE/INSULATION IS SHOWN ON C15004-CUST FEMALE TERMINAL DRAWING  
MAX. INSULATION CRIMP WIDTH = 4.50  
MAX. INSULATION CRIMP HEIGHT = 4.50  
MAX. INSULATION DIA = 4.09 (10 GA THIN WALL)
- USE WITH CAVITY PLUG MVL P/N 54200005 DPN 15316894 WHEN REQ'D  
USE WITH 2.80MM APEX FEM TERM PER C15004-CUST SYM ABOUT CENTERLINE FOR 180° ORIENTATION
- DIRECT CONNECT PER MVL G36002 (CHRYSLER 04707027)
- TEST METHOD PER SAE/USCAR-2 REV 5  
CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 75N FOR THIS SYSTEM  
CPA SEATING FORCES - 40N MAX  
WEDGE SEATING FORCES - 100N MAX
- SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP FOR REFERENCE
- ANNUAL QUALITY REQUIREMENTS:  
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/USCAR2 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 I.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)
- THIS DRAWING (H59002) REPLACES CHRYSLER DRAWING NUMBER 04793399 REV LEVEL "B"  
CHRYSLER DRAWING IS FOR REFERENCE ONLY
- MVL P/N WITH SUFFIX "N" DESIGNATES ASSEMBLIES WITHOUT CPA
- SEE ZONE Q19 FOR PART IDENTIFICATION CALL-OUT  
MVL VENDOR CODE: 52772 OR 52772H

| MATING PART NUMBER CHART                        |         |          |           |          |               |               |          |          |                |              |
|-------------------------------------------------|---------|----------|-----------|----------|---------------|---------------|----------|----------|----------------|--------------|
| D                                               | NATURAL | UNSEALED | 54200219N | 33512069 | N/A           | N/A           | 55200209 | 33500207 | DIRECT CONNECT | N/A          |
|                                                 |         | UNSEALED | 54200219  | 33512073 | (C) 04793407  | TBD           | 55200209 | 33500207 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200223N | 33512079 | N/A           | N/A           | 55200205 | 33500205 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200223  | 33512076 | (C) 04793403  | TBD           | 55200205 | 33500205 | DIRECT CONNECT | N/A          |
| C                                               | DK GREY | UNSEALED | 54200218N | 33512068 | N/A           | N/A           | 55200208 | 33500206 | DIRECT CONNECT | N/A          |
|                                                 |         | UNSEALED | 54200218  | 33512072 | (C) 04793406  | TBD           | 55200208 | 33500206 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200222N | 33512078 | N/A           | N/A           | 55200204 | 33500204 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200222  | 33512075 | (C) 04793402  | TBD           | 55200204 | 33500204 | DIRECT CONNECT | N/A          |
| B                                               | LT GREY | UNSEALED | 54200217N | 33512067 | N/A           | N/A           | 54200205 | 33500083 | DIRECT CONNECT | N/A          |
|                                                 |         | UNSEALED | 54200217  | 33512071 | (C) 04793405  | TBD           | 54200205 | 33500083 | (C) 04687924   | N/A          |
|                                                 |         | SEALED   | 54200221N | 33512077 | N/A           | N/A           | 54200211 | 10757670 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200221  | 33512077 | (C) 04793401  | TBD           | 54200211 | 10757670 | (C) 04687922   | N/A          |
| A                                               | BLACK   | UNSEALED | 54200216N | 33512066 | N/A           | N/A           | 54200204 | 33500082 | DIRECT CONNECT | N/A          |
|                                                 |         | UNSEALED | 54200216  | 33512070 | (C) 04793404  | TBD           | 54200204 | 33500082 | (C) 04687923   | N/A          |
|                                                 |         | SEALED   | F130500   | 13896059 | (GM) 13580233 | N/A           | 54200210 | 15488574 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | F230500   | 33512074 | N/A           | N/A           | 54200210 | 15488574 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200220N | 13863838 | (GM) 13579063 | N/A           | 54200210 | 15488574 | DIRECT CONNECT | N/A          |
|                                                 |         | SEALED   | 54200220  | 15488626 | (C) 04793400  | (GM) 13580765 | TBD      | 54200210 | 15488574       | (C) 04687921 |
| INDEX TYPE                                      | COLOR   | UNSEALED | MVL       | DELPHI   | CUSTOMER      | YNA           | MVL      | DELPHI   | CUSTOMER       | YNA          |
| FEMALE ASSEMBLY PART NUMBERS                    |         |          |           |          |               |               |          |          |                |              |
| MATING ASSEMBLY PART NUMBERS FOR REFERENCE ONLY |         |          |           |          |               |               |          |          |                |              |