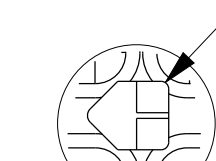
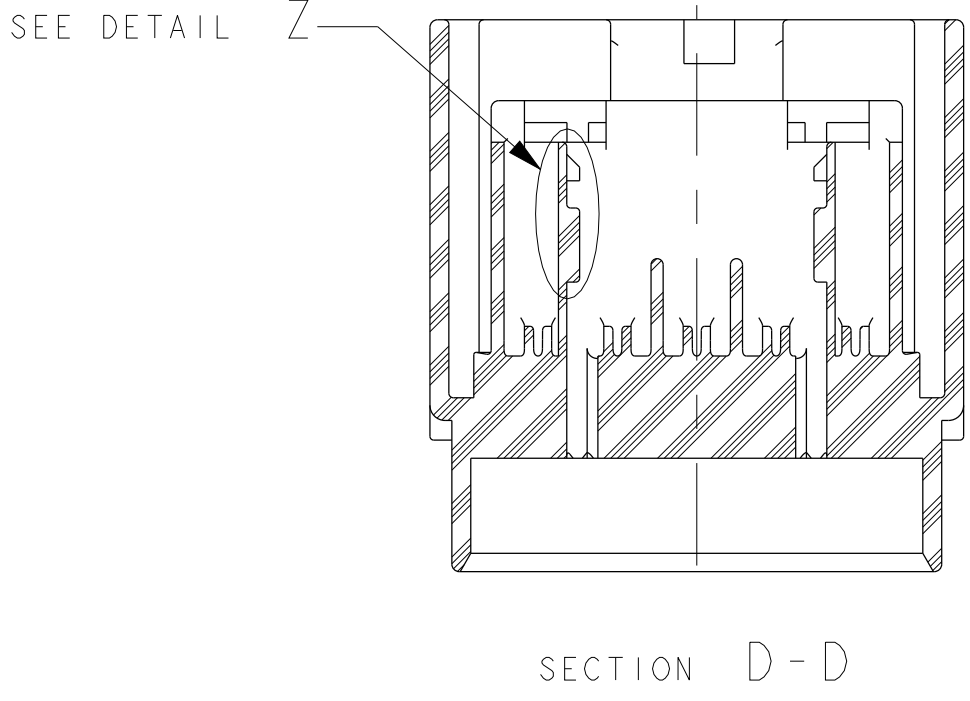
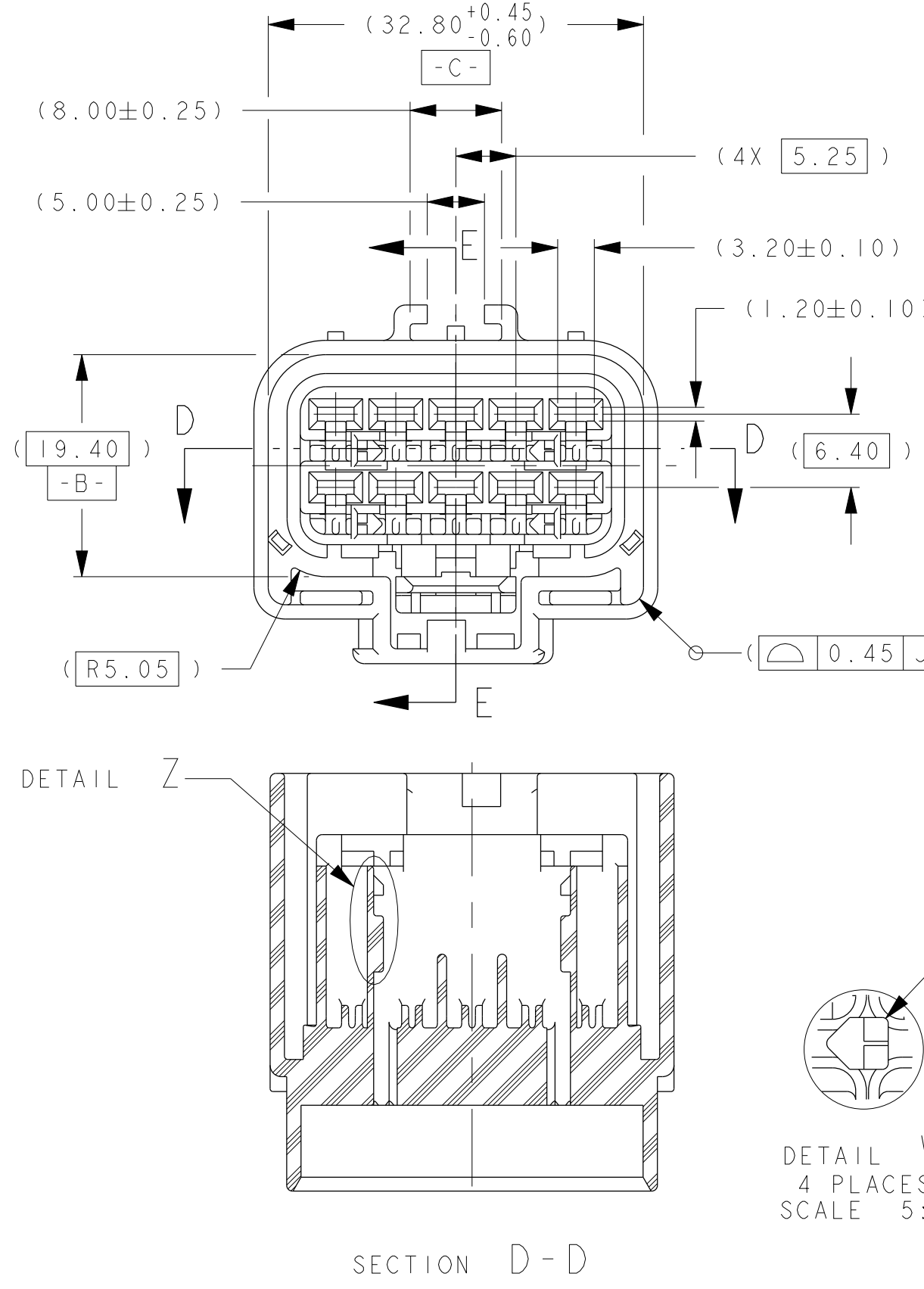
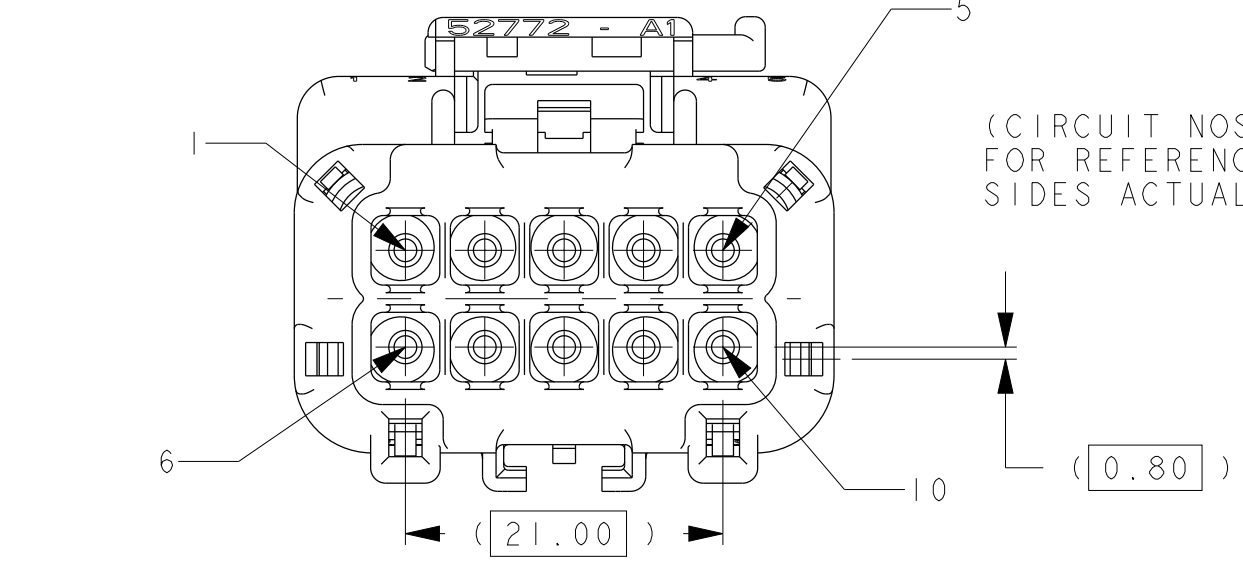
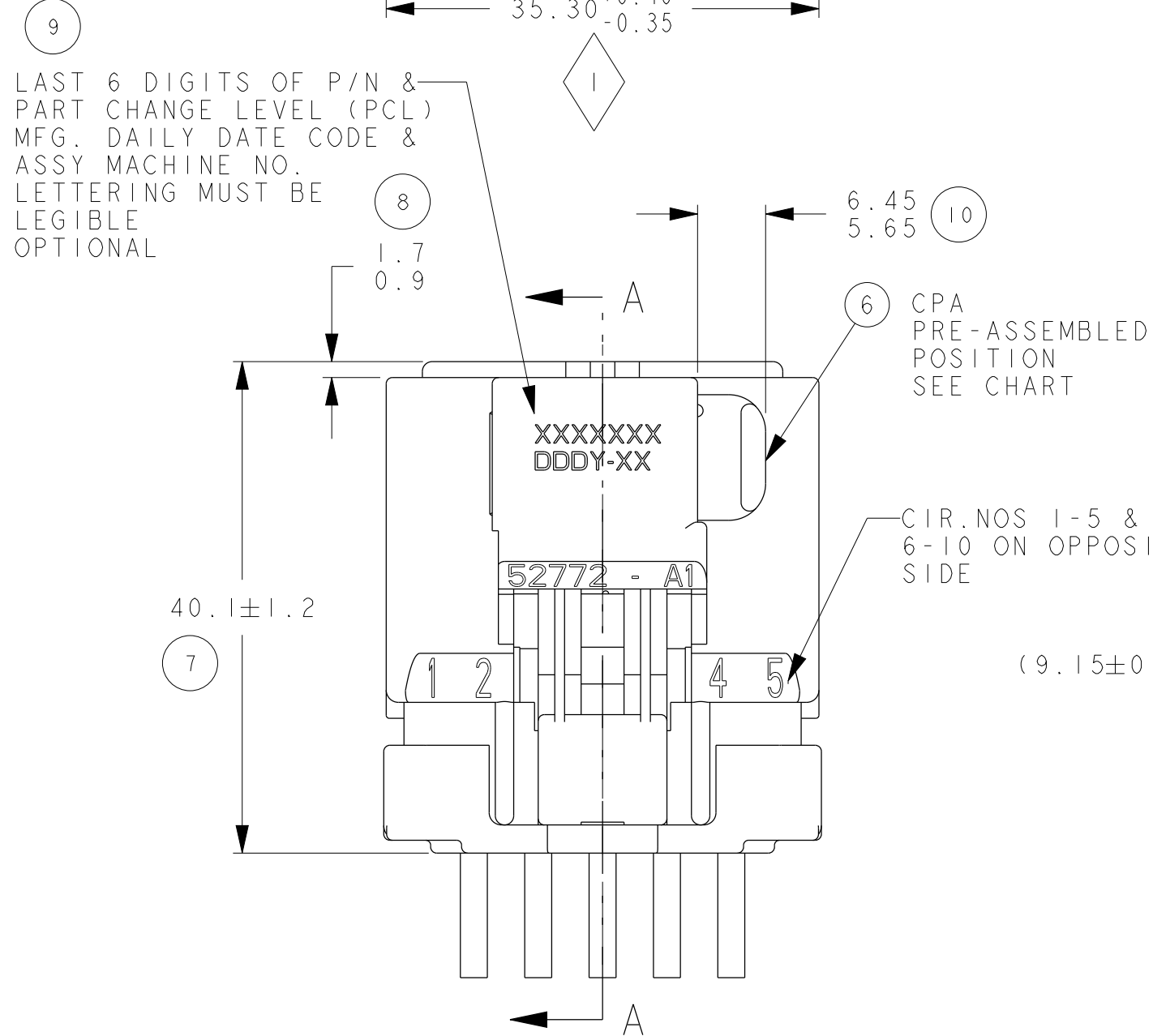


SUPPLEMENTARY VIEW SHOWN W/O CPA SEE P/N CHART ALL DIMENSIONS SAME AS WITH CPA VIEWS

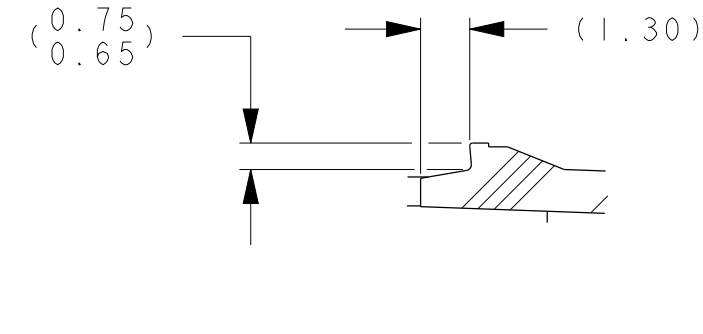


DETAIL W 4 PLACES SCALE 5:1

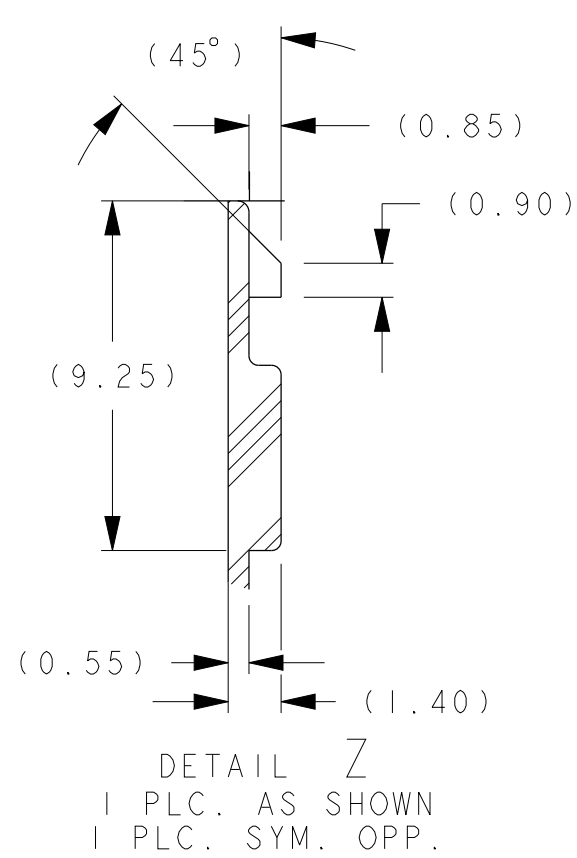


DETAIL W 4 PLACES SCALE 5:1

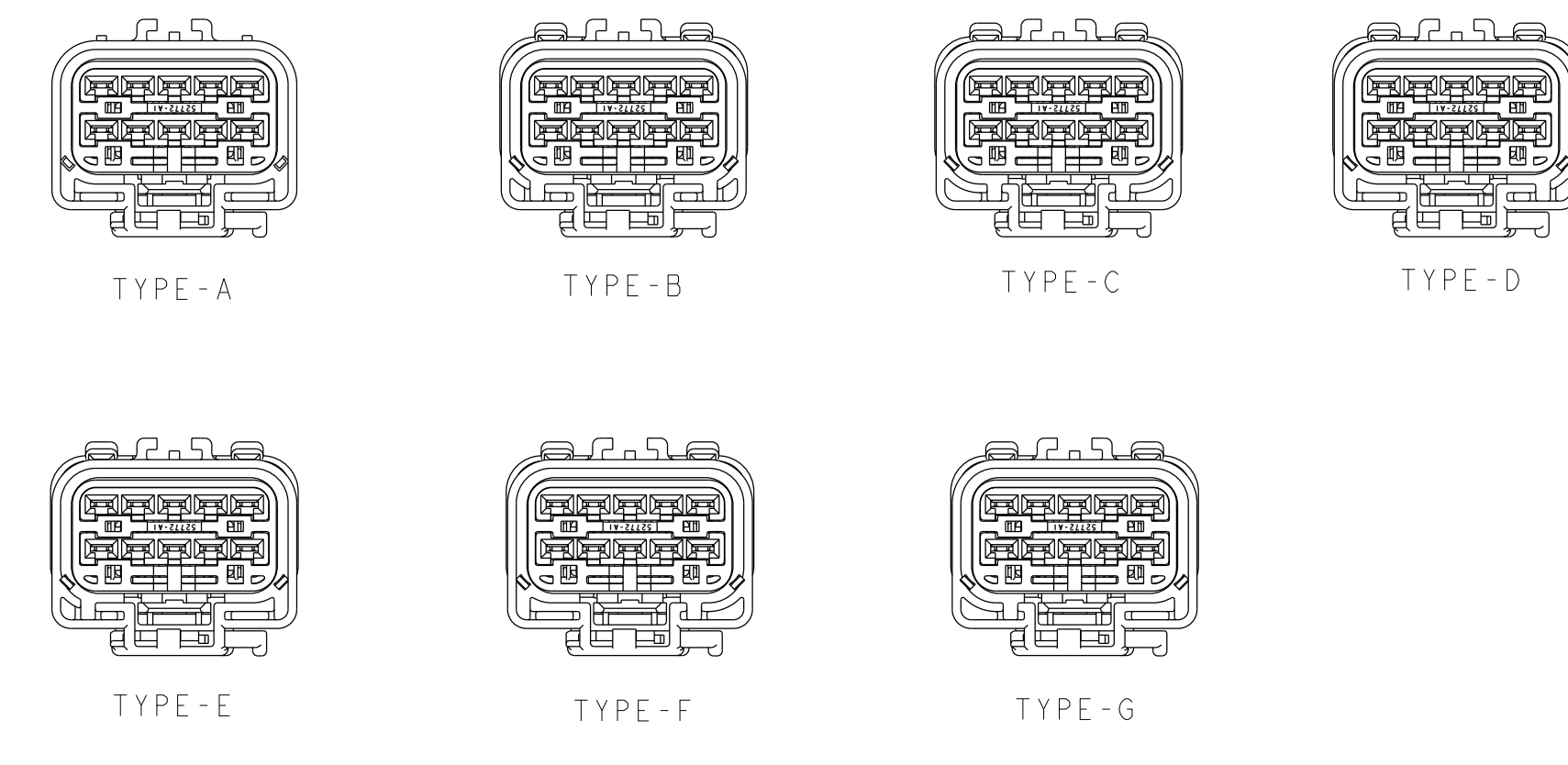
PARTIAL SECTION F-F



DETAIL Y TERM LOCK SCALE 5:1

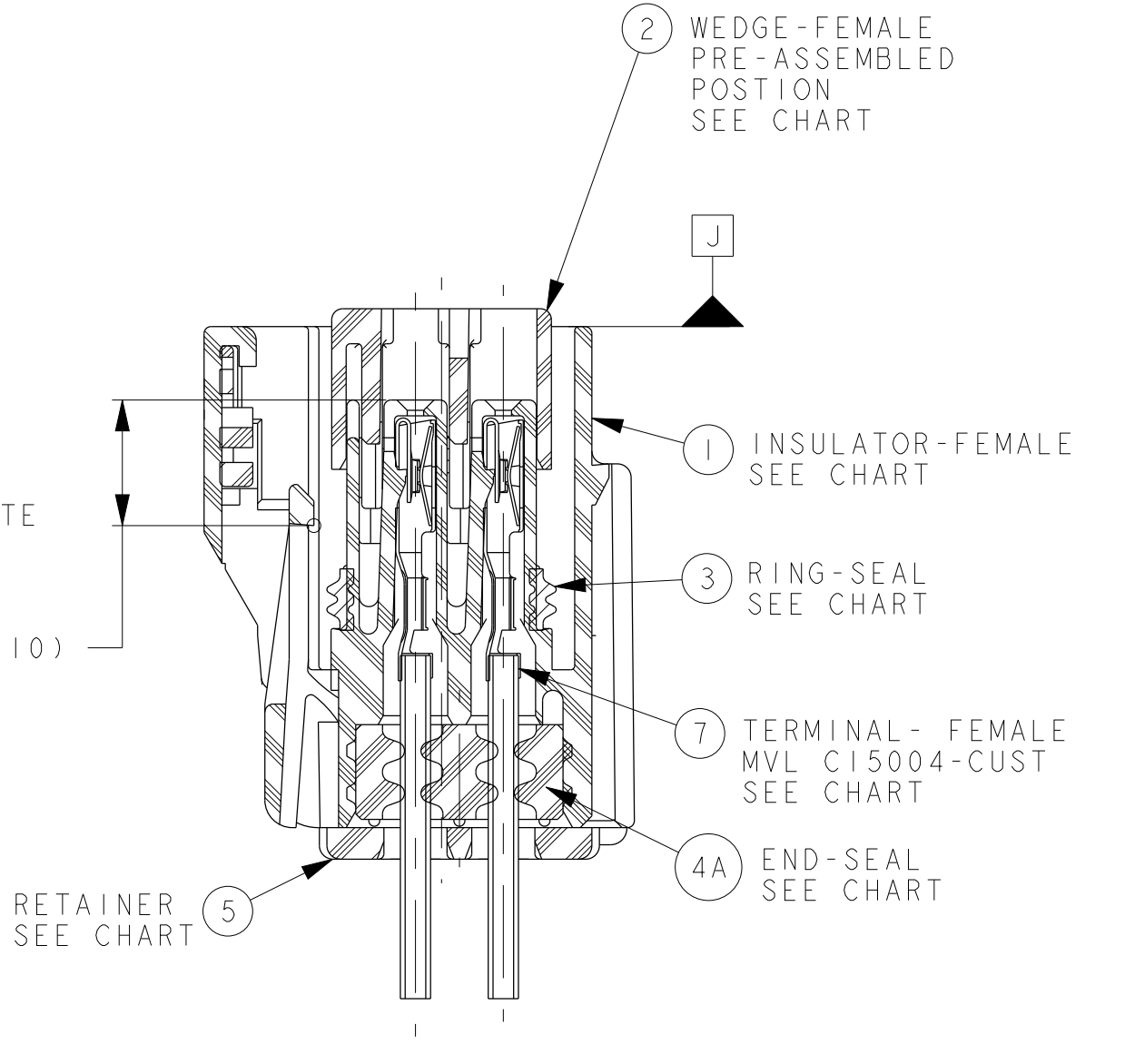


DETAIL Z 1 PL. AS SHOWN 1 PL. SYM. OPT. SCALE 5:1

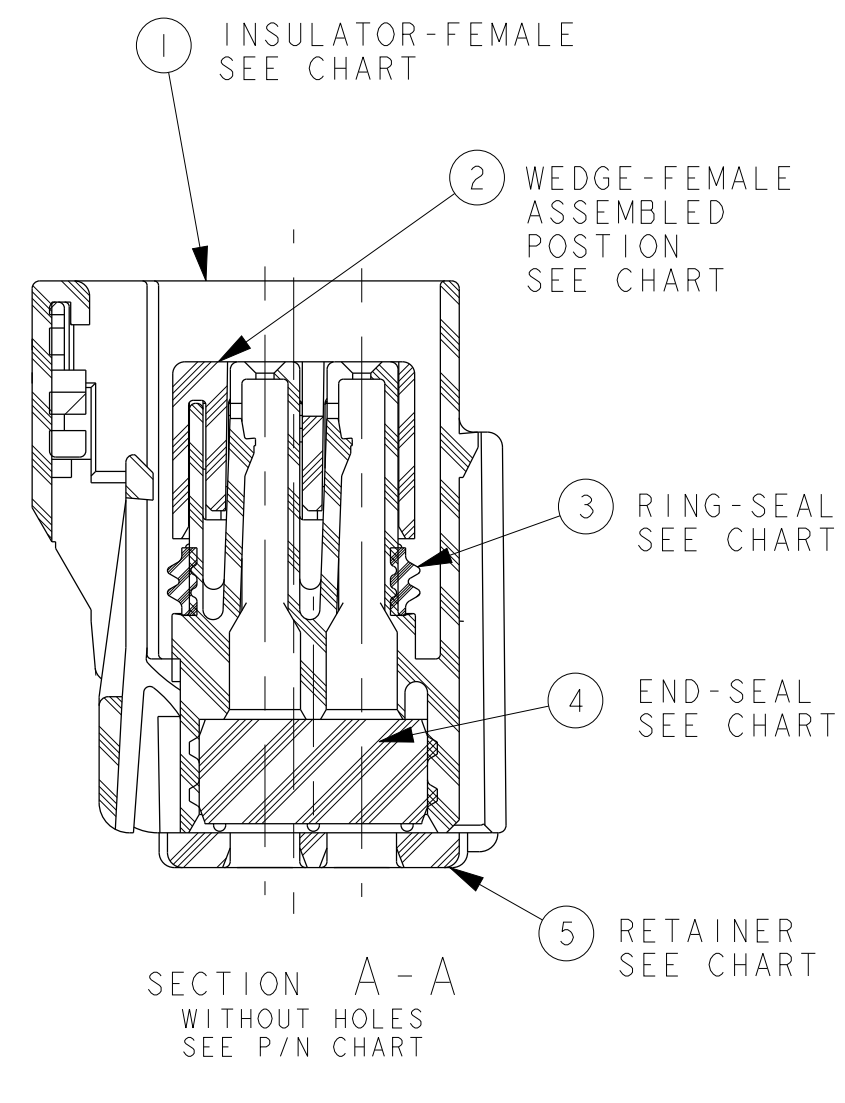


POLARIZATION OPTIONS FULL SIZE SHOWN WITH CPA

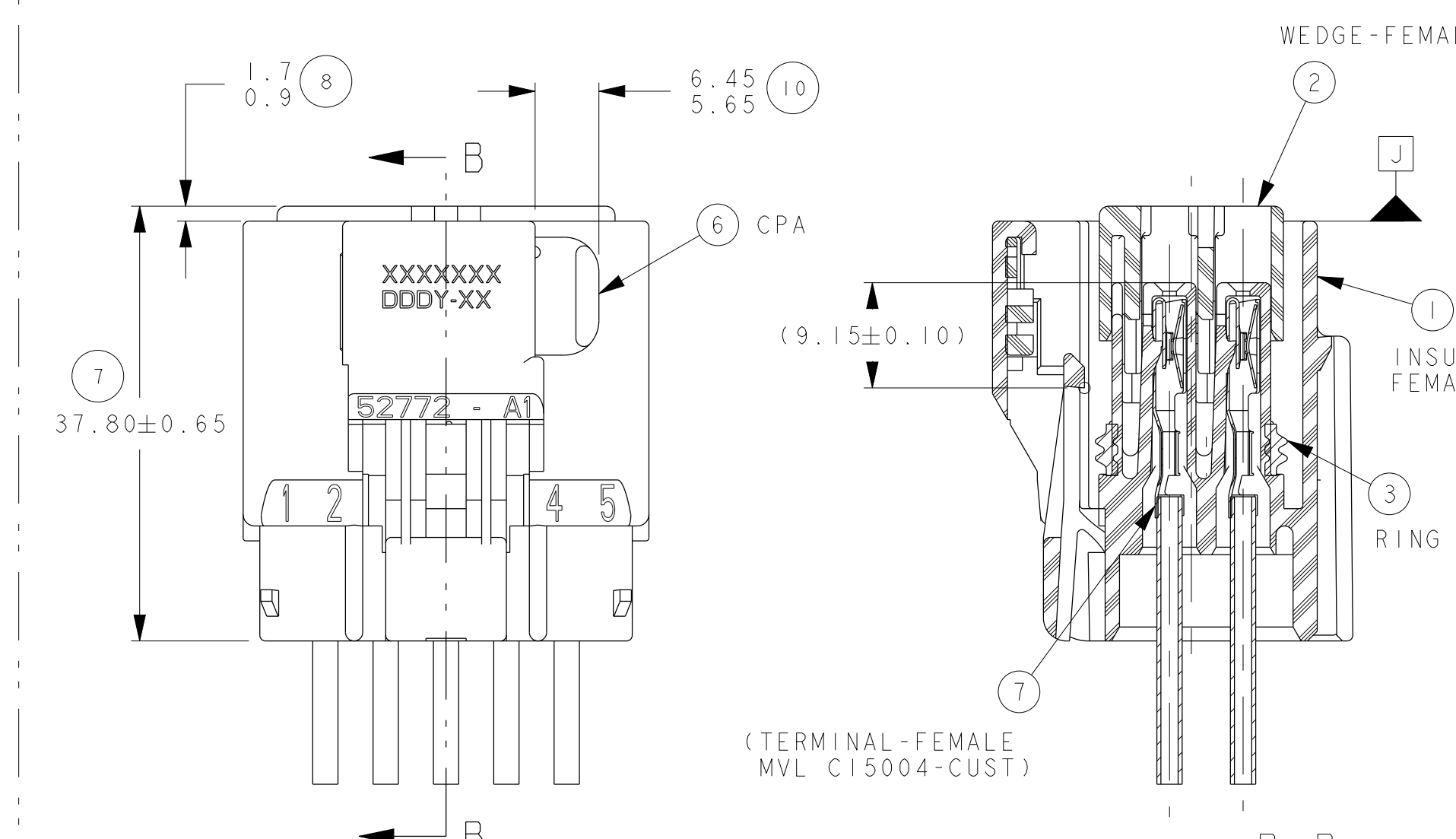
INSULATOR VIEWS AND DIMENSIONS FOR REFERENCE ONLY



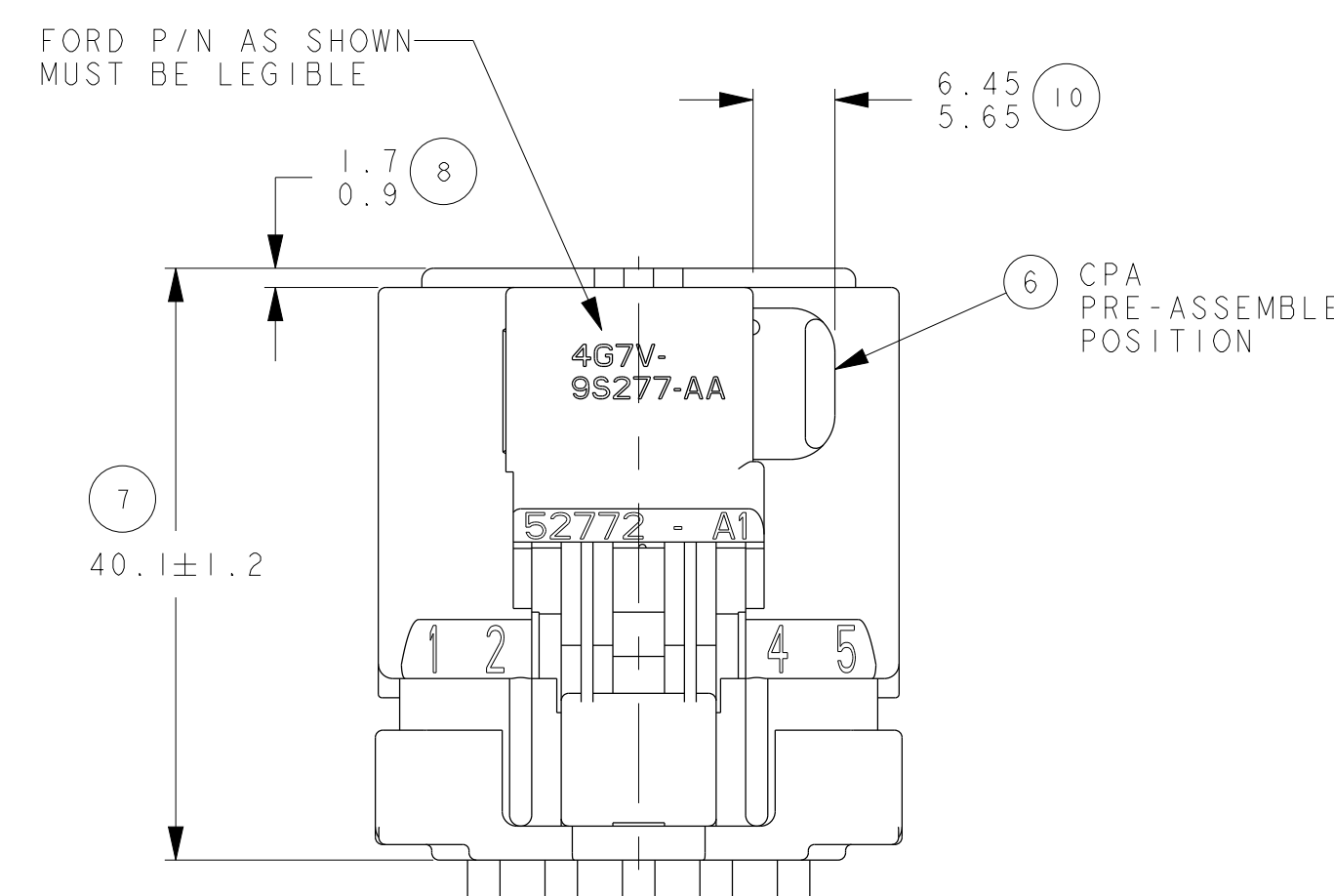
SECTION A-A



SECTION B-B



SECTION C-C



SUPPLEMENT VIEW MVL 54201067 DPN 33511374 FORD 4G7V-9S277-AA

NOTES:

- 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 SPC DATA REQUIRED
2 ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
3 CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
4 WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
5 ALL THE SEALED CONNECTOR APPLICATIONS WITH 54201050 MAT SEAL MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288 OR MS-8502 THIN WALL X-LINK 20AWG TO 10AWG (INSULATION Ø1.70 TO Ø1.40) ISO THIN WALL EQUIVALENTS PERMISSIBLE
6 P/N WITH C755900 END SEAL MUST BE USED WITH WIRE INSULATION RANGE FROM Ø1.90 MIN TO Ø3.70 MAX (18AWG TO 12AWG OR 1mm2 TO 4mm2 ISO THIN WALL)
7 ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THRU 10 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING: 150 THINWALL EQUIVALENTS PERMISSIBLE
MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION DIA = 4.09 (10 GAGE THIN WALL)
8 USE WITH FOLLOWING APPLICABLE COMPONENTS AS NEEDED CAVITY PLUG MVL P/N 54200005 DPN 15316894 DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04707091 SINGLE X-MAS TREE CLIP CHRYSLER P/N 04625797 2.8MM APEX FEMALE TERMINAL IS SYMMETRICAL ABOUT CENTER LINE AND IT CAN BE INSERTED 180° INTO TERMINAL CAVITY
9 DIRECT CONNECT DRAWING NO. MVL G36010 (CHRYSLER 04707028)
10 TEST METHOD PER CHRYSLER PERFORMANCE SPEC # SA/USCAR-2 REV 5, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 120N FOR THIS SYSTEM
CPA SEATING FORCES - 40N MAX
WEDGE SEATING FORCES - 120N MAX
X-MAS TREE CLIP INSERTION FORCES - 75N MAX
11 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP. FOR REFERENCE
12 ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #AAA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SA/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

MATING PART NUMBER CHART

Table with columns for Mating Part Number Chart, listing various part numbers and their corresponding configurations.

CHART - ASSEMBLY PART NUMBERS

Table with columns for Assembly Part Numbers, categorized by Unsealed and Sealed, and further by W/O CPA, W/CPA, and W/CPA.

Table with columns for Required parts, listing part numbers and their corresponding descriptions.

Table with columns for Required parts, listing part numbers, Chrysler/Delphi/MVL part numbers, part names, colors, and materials.

END SEAL MVL P/N 54201050 OR F755900 AND RETAINER P/N 54201021 OR HINGE TYPE PROVIDED LOOSE PIECE AND INSTALLED AT HARNESS ASSEMBLY. SEE HARNESS ASSEMBLY DRAWING FOR END SEAL AND RETAINER (STANDARD OR HINGE TYPE) PART NUMBERS

INDICATES THIS PART AVAILABLE THROUGH TTI

Product information section including part number 14-09682, date 13-01-10, and other technical details and company information.

Mouser Electronics

Authorized Distributor

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