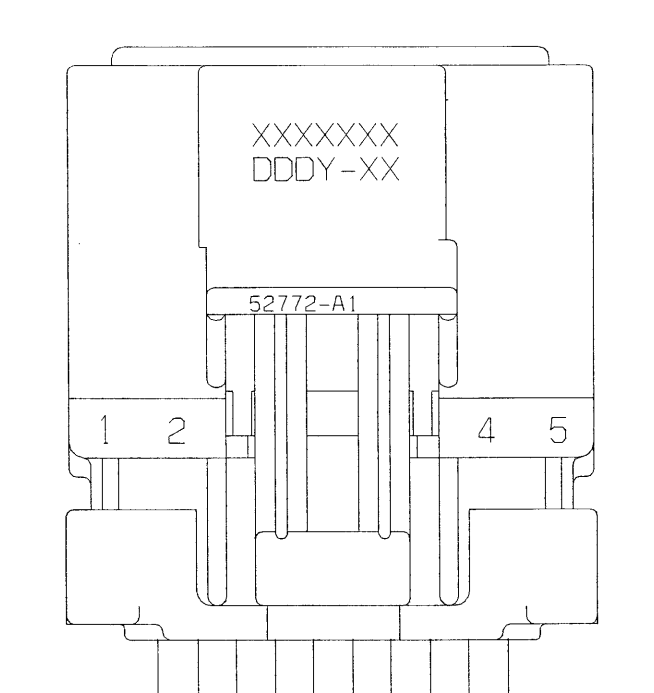
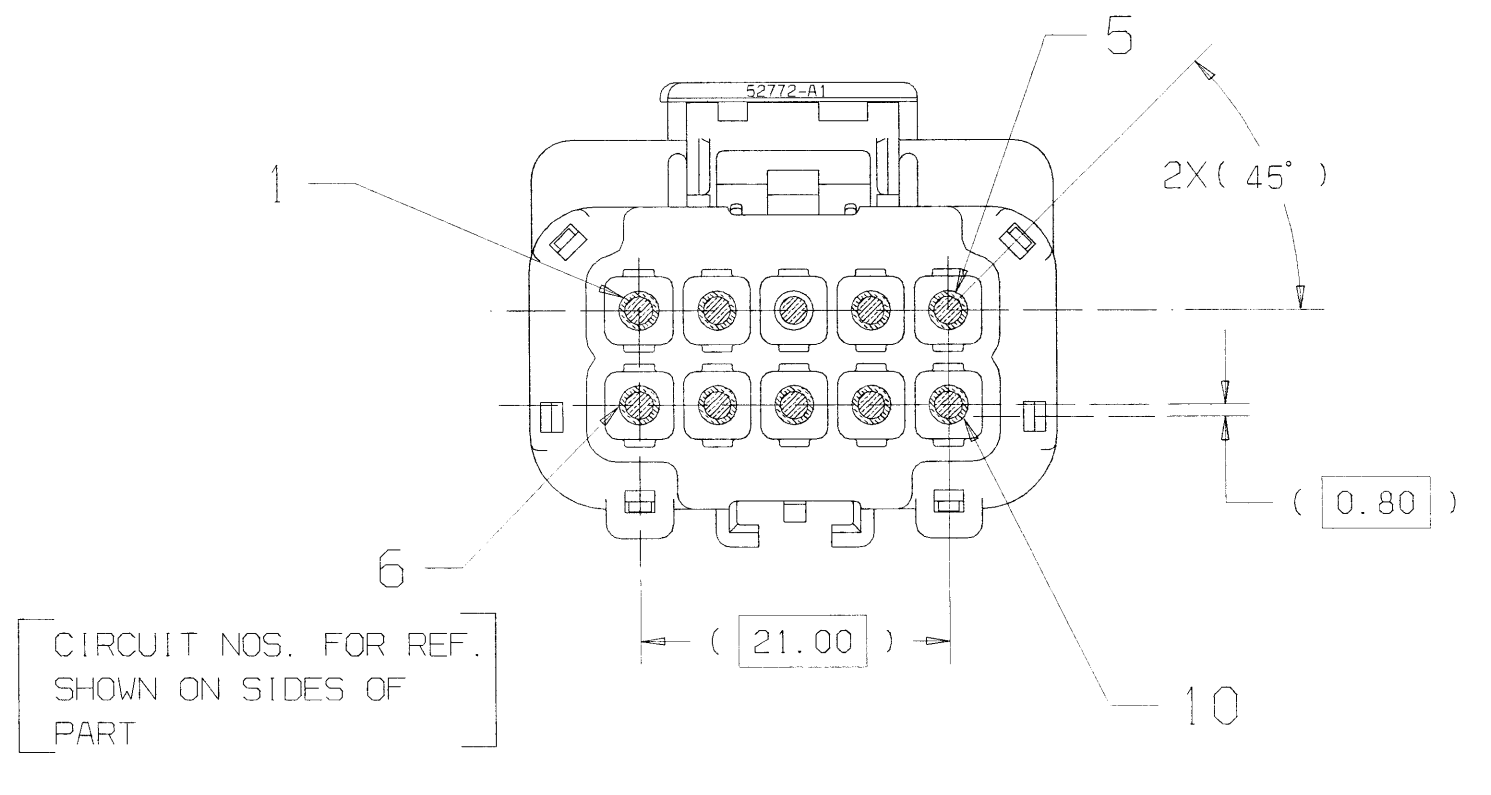
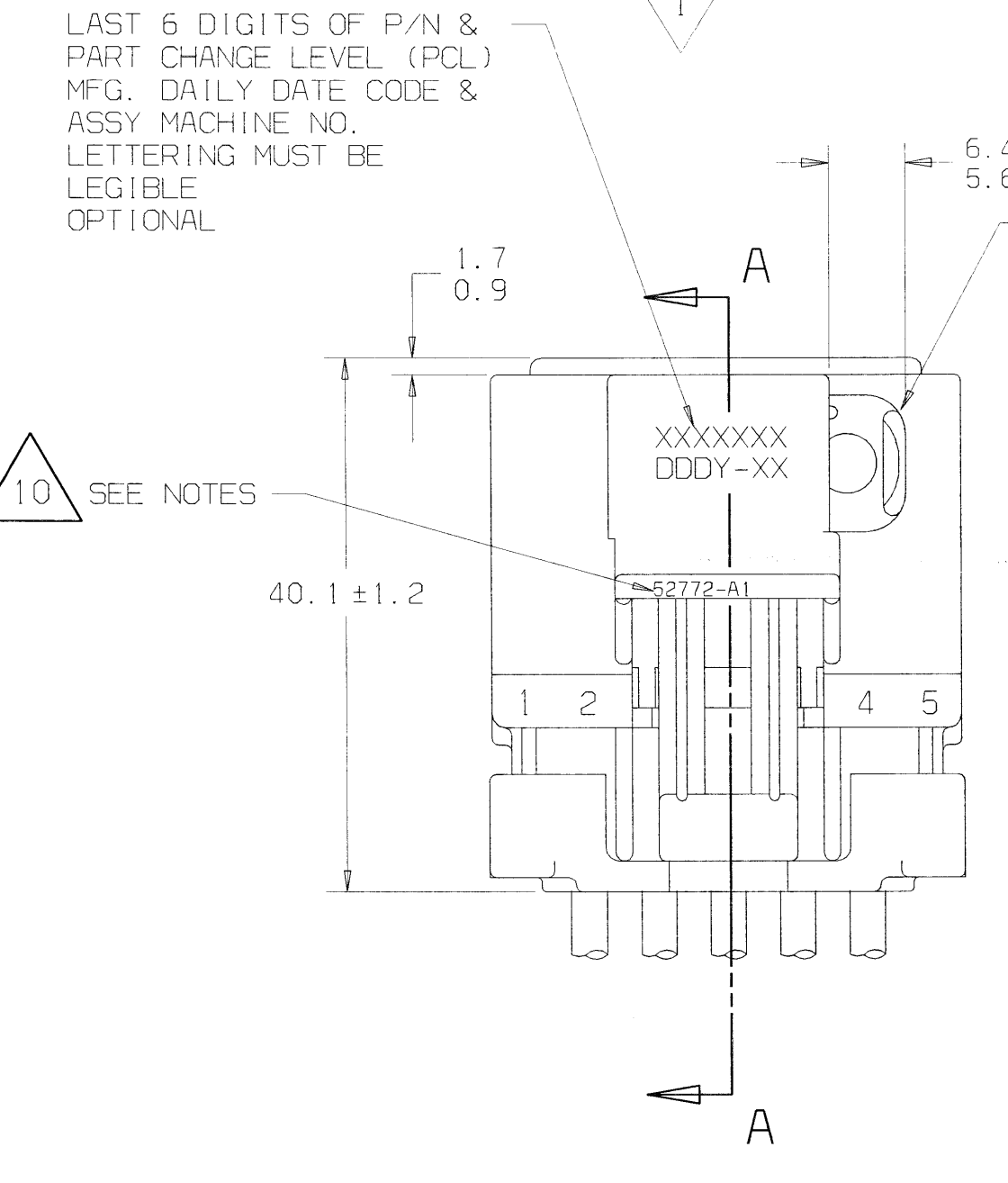
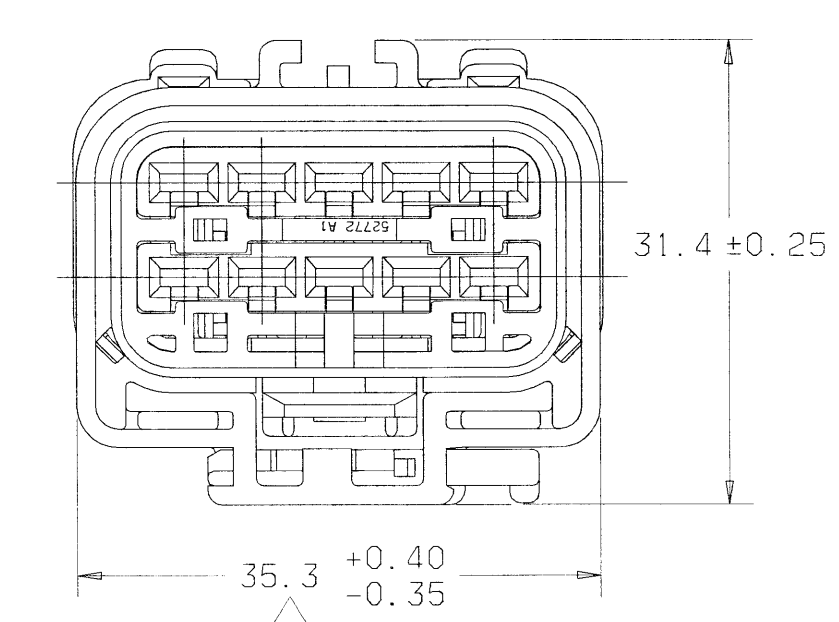
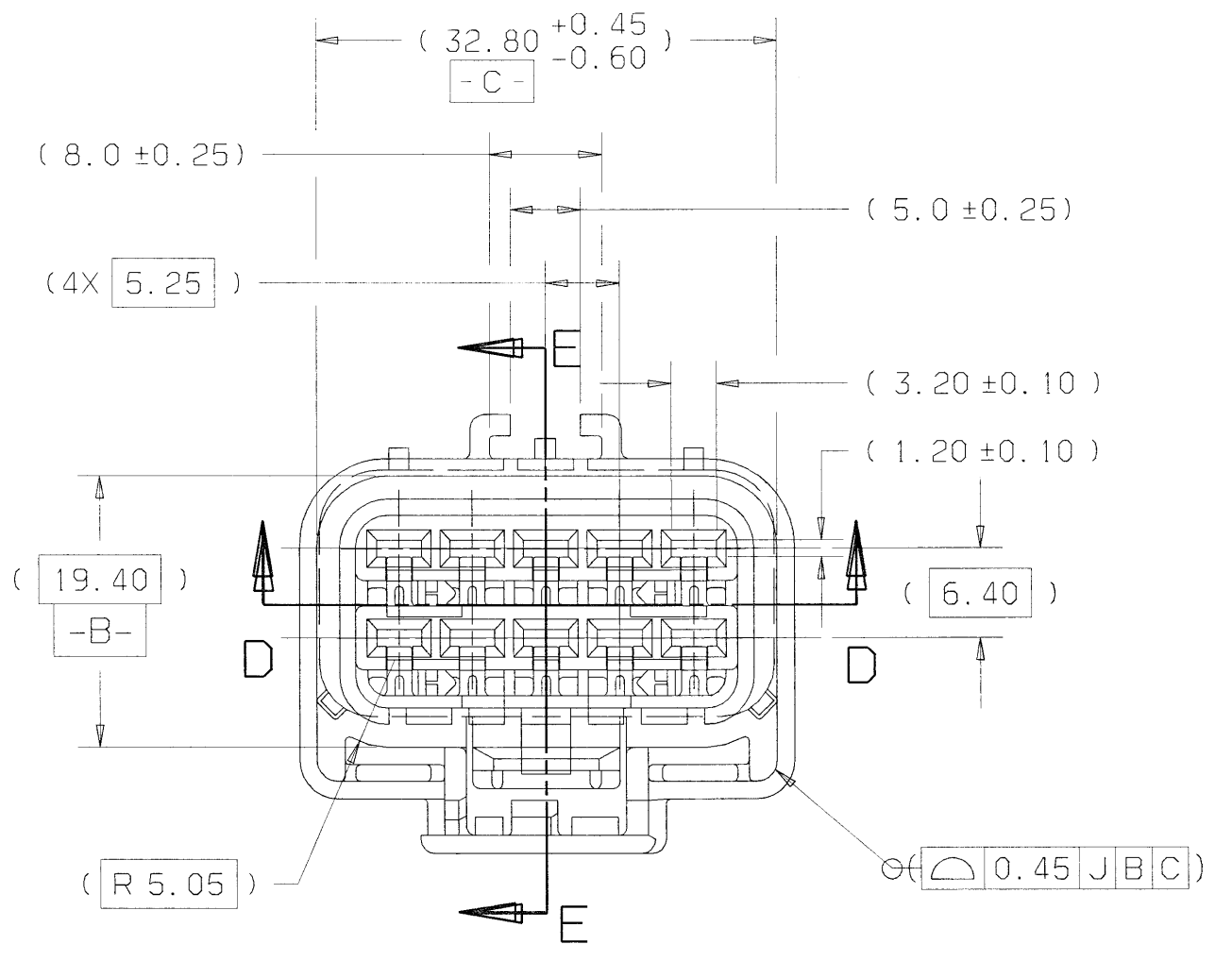




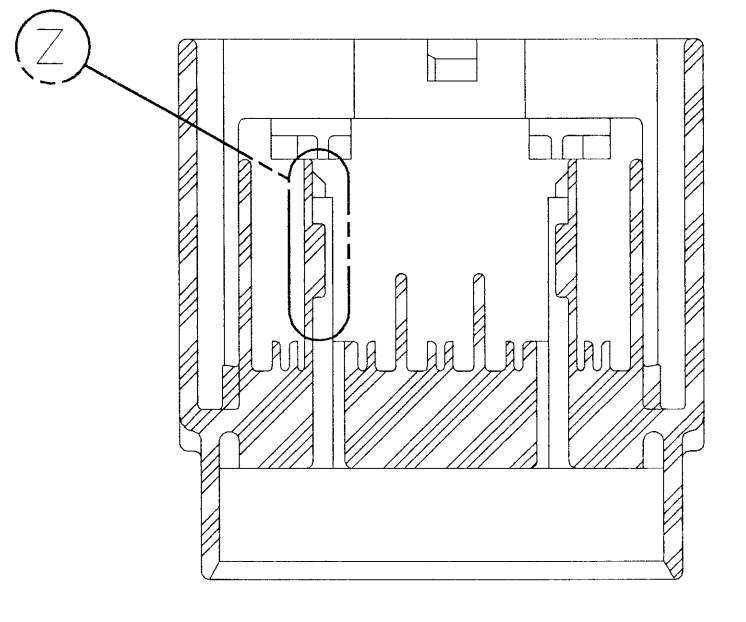
SUPPLEMENTARY VIEW SHOWN W/O CPA SEE P/N CHART ALL DIMENSIONS SAME AS WITH CPA VIEWS



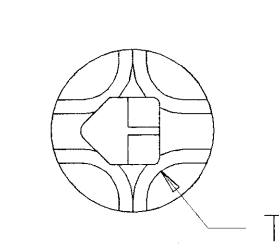
SEALED ASSEMBLY VIEW SEE PART NUMBER CHART



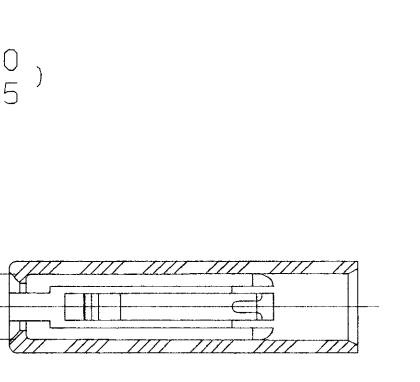
PARTIAL SECTION F-F



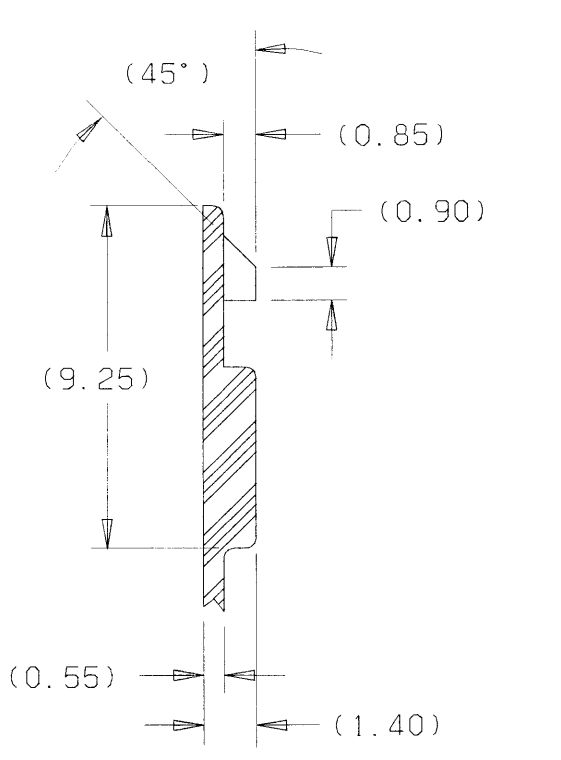
SECTION D-D



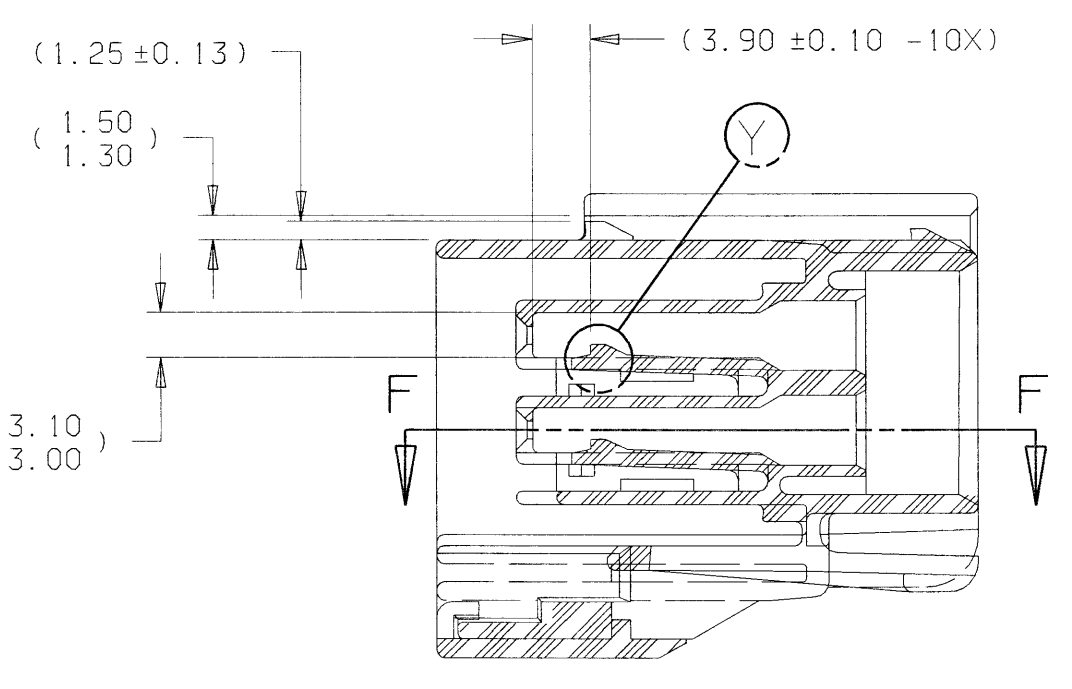
VIEW W 4 PLACES



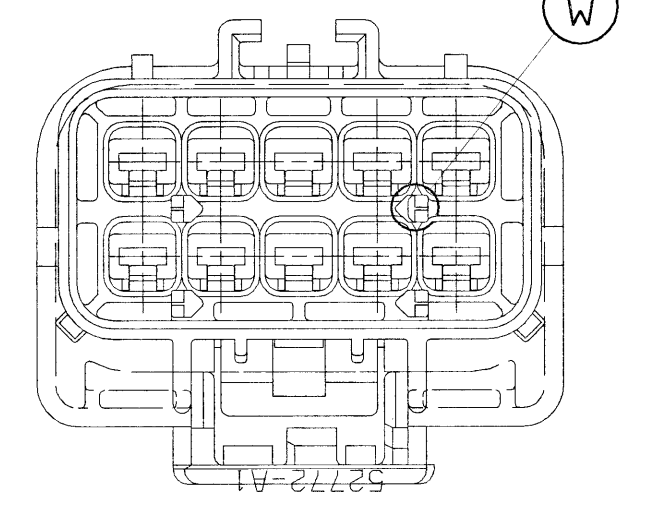
VIEW Y TERM. LOCK, FINGER 5X SIZE



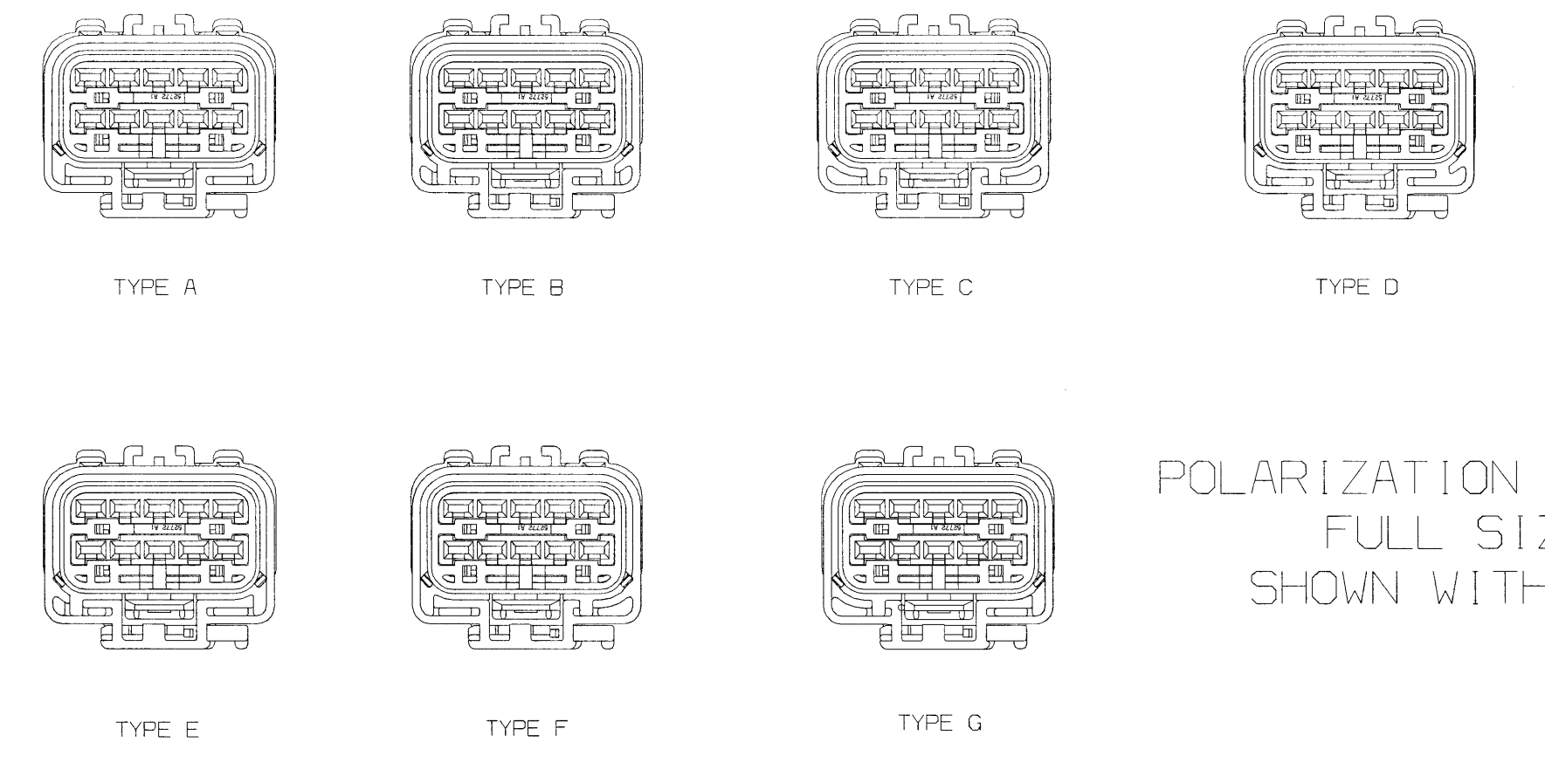
VIEW Z 1 P.L.C. AS SHOWN 1 P.L.C. SYM. OPP. 5X SIZE



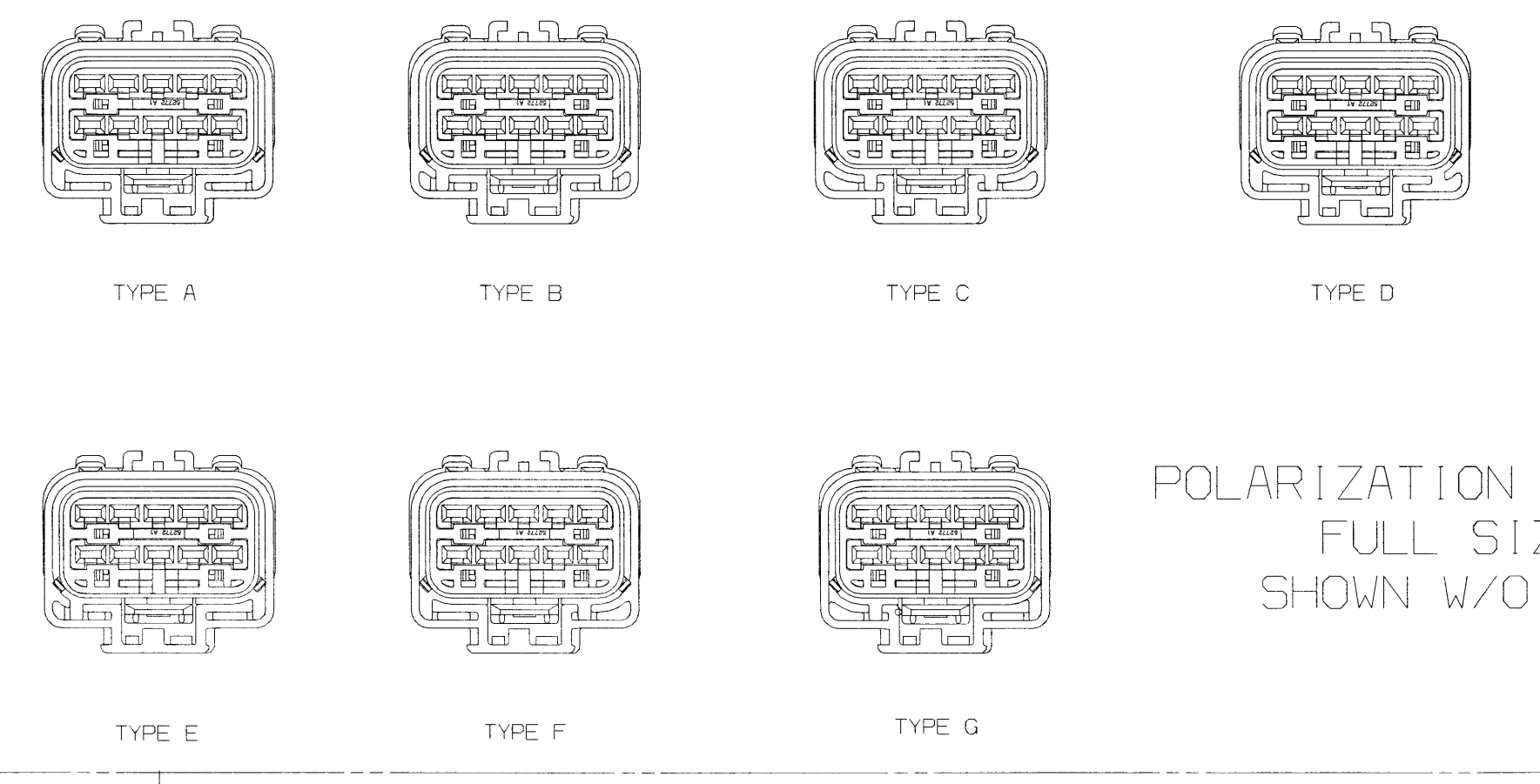
CAVITY DETAIL VIEW SECTION E-E FOR REFERENCE ONLY



SECTION E-E



POLARIZATION OPTIONS FULL SIZE SHOWN WITH CPA



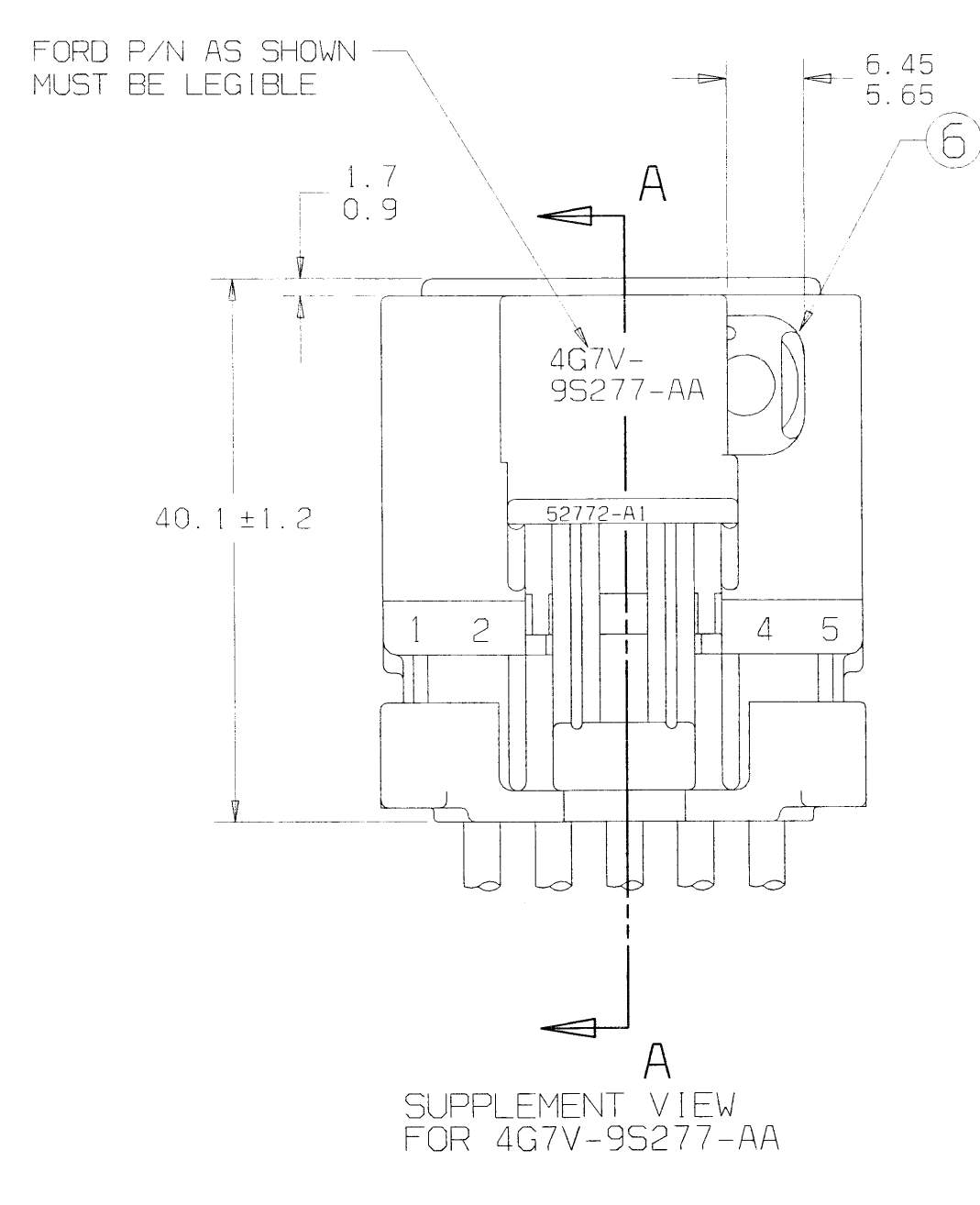
POLARIZATION OPTIONS FULL SIZE SHOWN W/O CPA

MATING PART NUMBERS CHART

| INDEX TYPE | COLOR    | SEALED/UNSEALED | FCI       | DCA APPLICATION | YNA          | FCI      | DCA APPLICATION | YNA    |
|------------|----------|-----------------|-----------|-----------------|--------------|----------|-----------------|--------|
| G          | LT BROWN | SEALED          | 54201043N | N/A             | T.B.D.       | 54201042 | N/A             | T.B.D. |
| F          | AQUA     | SEALED          | 54201063  | 04868049AA      | T.B.D.       | 54201042 | 04868047AA      | T.B.D. |
| E          | DK GRN   | SEALED          | 54201065N | N/A             | T.B.D.       |          |                 |        |
| D          | ORANGE   | SEALED          | 54201005N | N/A             | T.B.D.       |          |                 |        |
| C          | DK GREY  | SEALED          | 54201005  | 04687905        | 7283-4809-90 |          |                 |        |
| B          | LT GREY  | SEALED          | 54201015N | N/A             | T.B.D.       |          |                 |        |
| A          | BLACK    | SEALED          | 54201015  | 04687899        | 7283-4806-90 |          |                 |        |

| UNSEALED | SEALED  |
|----------|---------|
| W/O CPA  | W/O CPA |
| W/CPA    | W/CPA   |

| ITEM | DCA P/N'S | FCI P/N'S | PART NAME                                                   |
|------|-----------|-----------|-------------------------------------------------------------|
| 1    | 04687756  | 54201026  | INSULATOR-FEMALE INDEX A; BLK                               |
| 2    | 04687957  | 54201027  | INSULATOR-FEMALE INDEX B; LT GRN                            |
| 3    | 04687958  | 54201028  | INSULATOR-FEMALE INDEX C; LT GRN                            |
| 4    | 04801111  | 54201029  | INSULATOR-FEMALE INDEX D; DK GRN                            |
| 5    | 04687959  | 54201030  | INSULATOR-FEMALE INDEX E; ORG                               |
| 6    | 04687960  | 54201031  | INSULATOR-FEMALE INDEX F; DK GRN                            |
| 7    | 04687962  | 54201032  | INSULATOR-FEMALE INDEX G; AQUA                              |
| 8    | 04687963  | 54201033  | INSULATOR-FEMALE INDEX H; LT BROWN                          |
| 9    | 04687741  | 54201019  | WEDGE-FEMALE INDEX A; LT BROWN                              |
| 10   | 04687756  | 54201023  | RING SEAL; RED                                              |
| 11   | 04687963  | 54201050  | END SEAL; DK BLUE (20,18,16,14 & 12 GAGE WIRES)             |
| 12   | 04687750  | 54201052  | END SEAL; BRIGHT YELLOW (NO HOLES)                          |
| 13   | 04687739  | 54201021  | RETAINER; BLACK                                             |
| 14   | 04687739  | 54200003  | CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV. 3 |



SUPPLEMENTARY VIEW FOR 4GTV-95277-AA

- NOTES:
- QUALITY ASSURANCE REQUIREMENTS PER DCA PS-7300: 1
  - 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 DCA WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-LINK 20,18,16,14, & 12 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED (WIRE INSULATIONS Ø1.70 MIN TO Ø3.35 MAX).
  - 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.
  - USE WITH CAVITY PLUG FCI P/N 54200005 (DCA P/N 56038308) WHEN REQ'D.
  - USE WITH DOUBLE X-MAS TREE CLIP DCA P/N 04707091 WHEN REQUIRED.
  - USE WITH SINGLE X-MAS TREE CLIP DCA P/N 04625797 WHEN REQUIRED.
  - DIRECT CONNECT DRAWING NO. DCA 04707028.
  - TEST METHOD PER DCA PERFORMANCE SPEC# PF-9600, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSURE FORCE NOT TO EXCEED 120 N. FOR THIS SYSTEM.
  - CPA SEATING FORCES - 40 N. MAX.
  - WEDGE SEATING FORCES - 120 N. MAX.
  - X-MAS TREE CLIP INSERTION FORCES - 75 N. MAX.
  - SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE.
  - ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE FOR FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & PF-9600.
  - 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 DCA/YNA STANDARDS:
    - PF-9600 PERFORMANCE (DCA) EXCEPT AS NOTED ABOVE.
    - PS-7300 QUALITY ASSURANCE (DCA).
    - PS-4880-CEK-4 (DCA) PART I.D. (G-009-2 YNA).
    - PS-9065 REGRIND (DCA), (G-009-3 YNA).
    - PS-9227 DATA EXCHANGE (DCA), (G-009-3 YNA).
    - PS-10052 INFORMATION SECURITY (DCA).
  - THIS DRAWING (H59005) REPLACES DCA DRAWING NUMBER 04687872 LEVEL "P".
  - FCI P/N'S WITH SUFFIX "N" DESIGNATES ASSEMBLES W/O CPA.

REVISION T2  
DRAWING NO. H59005

|      |    |                                                    |          |   |   |   |   |
|------|----|----------------------------------------------------|----------|---|---|---|---|
| 5462 | T2 | ADDED P/N 54201067 & FORD #4GTV-95277-AA           | 05/13/03 | D | T | S | U |
| 5149 | T1 | ADDED THIN WALL NOTE VIEW W                        | 12/18/02 | D | T | T |   |
| 5040 | T  | ADDED P/N 54201066 TO CHART POL "A" BLACK, W/O CPA | 10/21/02 | D | T | T |   |
| 4135 | S  | RELEASED FOR PRODUCTION FOR PREVIOUS CHANGES SEE   | 11/02/01 | D | T | T |   |

REVISION T2  
DRAWING NO. H59005

04687872 REV. P  
REWORK ON FCI TITLE BLOCK  
FCI P/N'S W/O CPA ADDED  
FCI P/N'S #54201022N WAS  
#54201022, #54201066N WAS  
#54201066, #54201064N WAS  
#54201064 & #54201065N WAS  
#54201065

|                |     |     |                 |      |   |   |   |   |   |   |
|----------------|-----|-----|-----------------|------|---|---|---|---|---|---|
| ZONE           | EON | LET | REVISION RECORD | DATE | D | W | C | R | E | L |
| LAST INSP CODE | -   |     |                 |      |   |   |   |   |   |   |
| LAST TOOL CODE | -   |     |                 |      |   |   |   |   |   |   |
| LAST SEC       | -   |     |                 |      |   |   |   |   |   |   |
| LAST DATUM     | -   |     |                 |      |   |   |   |   |   |   |
| D              |     |     |                 |      |   |   |   |   |   |   |

THIRD ANGLE PROJECTION

FCI 1770 Marie Street Westland, Michigan 48185-3233

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN 1 PLACE DIM ± SEE ANGULAR DIM ± DWG  
DO NOT SCALE DRAWING  
NOTED ON COMPONENT PRINTS

CHAR - ASSEMBLY  
10-WAY FEMALE  
(2, 80MM APEX CONN. SYS.)

DRAWING NO. H59005

FILE LOCATION: F102

|                                          |                  |           |
|------------------------------------------|------------------|-----------|
| FCI - FRAMATOME CONNECTORS INTERNATIONAL | 52772 OR 52772 H | SEE CHART |
| DCA - DAIMLERCHRYSLER AUBURN HILLS       | VENDOR CODE      | DCA P/N   |
| YNA - YAZAKI NORTH AMERICA               |                  |           |