

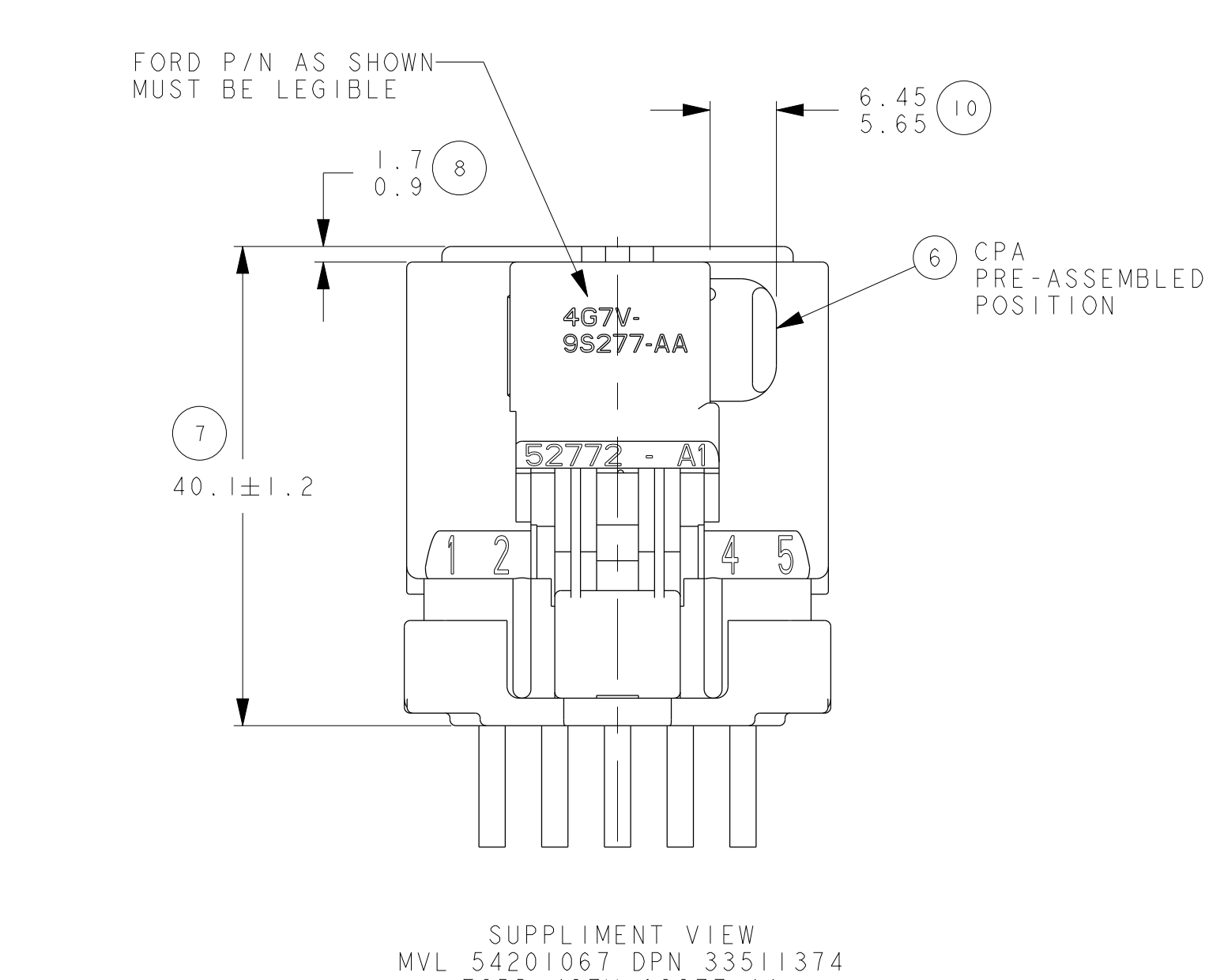
- NOTES:
1. QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1
2. ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
3. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
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-9502 THIN WALL X-LINK 20AWG TO 10AWG (INSULATION Ø1.70 TO Ø4.09) ISO THIN WALL EQUIVALENTS PERMISSIBLE
5A. P/N WITH C755900 END SEAL MUST BE USED WITH WIRE INSULATION RANGE FROM Ø1.90 MIN TO Ø3.70 MAX (16AWG TO 12AWG OR 10mm² TO 4mm² ISO THIN WALL)
6. ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAUGE THRU 10 GAUGE (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 GA THIN WALL)
7. 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 2.0MM APEX FEMALE TERMINAL IS SYMMETRICAL ABOUT CENTER LINE AND IT CAN BE INSERTED 180° INTO TERMINAL CAVITY
8. DIRECT CONNECT DRAWING NO. MVL G36010 (CHRYSLER 04707028)
9. TEST METHOD PER CHRYSLER PERFORMANCE SPEC # SAE/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
10. SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP. FOR REFERENCE
11. ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #A0A-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
12. MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS: SAE/USCAR-2 REV 5 FOR LATCH PERFORMANCE & AUDIBILITY SAE/USCAR-2 REV 5 EXCEPT AS NOTED ABOVE PS-7300 QUALITY ASSURANCE (CHRYSLER) PART I.D. (G-009-2 YNA) PS-4480 CEK-4 (CHRYSLER) PART I.D. (G-009-3 YNA) PS-9065 REGRIND (CHRYSLER), (G-009-3 YNA) PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA) PS-10052 INFORMATION SECURITY (CHRYSLER)
13. THIS DRAWING (H59005) REPLACES CHRYSLER DRAWING NUMBER 04681872 LEVEL 'R' ASSEMBLY P/N'S F861010, F8701010; NOTES AND CHARTS UPDATED, INSULATION RINGS ADDED, REVISED AND REBRANN IN PDS
14. MVL P/N'S WITH SUFFIX 'N' DESIGNATES ASSEMBLIES W/O CPA
15. MVL SUPPLIER CODE: 52772 OR 52772H

MATING PART NUMBER CHART. Table with columns for MVL, DELPHI, CUSTOMER, YNA, and various assembly part numbers for different colors (LT BRN, AQUA, DK GRN, ORANGE, DK GREY, LT GRN, BROWN, BLACK).

CHART - ASSEMBLY PART NUMBERS

CHART - ASSEMBLY PART NUMBERS. Table showing required parts for unsealed and sealed assemblies across different customer part numbers and colors.

ITEM (CHRYSLER) MVL DELPHI PART NAME - COLOR MATERIAL. Table listing specific parts and their materials (PA66 GF, SILICONE, END SEAL).



CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5 PART CHANGE LEVEL (PCL). Table with columns for P, L, U, G and associated notes.

Engineering drawing footer including Delphi logo, drawing title '280MM APEX CONNECTOR SYSTEM', sheet number 'SERIAL RELEASED', and various administrative fields like 'DATE', 'APP'.