| KEY PRODUCT CHARACTERISTICS | | | |
|---|---|---|---|
| SAFETY/COMPLIANCE | FIT/FUNCTION | TOTAL ON DRAWING | 1 |
| S/C CHECKPOINTS | F/F CHECKPOINTS | LAST NO. USED | 1 |
| NO & TYPE | DESCRIPTION | RATIONALE | PFS | ZONE |
| 1 FT | WIDTH CONNECTOR | | 225. | |

SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

| | |
|---|---|
| TOTAL NO. OF INSPECTIONS REQUIRED | 57 |
| LAST NO. USED | 30 |

MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY BOUNDED BY COMPUTER FOR INSPECTION. ALL FEATURES ARE CENTERED ON NOMINAL VALUE OF OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR REFERENCE SEE MVL DRAWING H59008

3. ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.

4. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART SUBMITTED FOR EVALUATION OR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.

5. WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.

6. ALL SEALED APPLICATIONS WITH 33K1040 WAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
   Ø1.70 TO Ø.8-2V (20AWG TO 10AWG) ALL CIRCUITS
   Ø1.70 TO Ø.8-2V (20AWG TO 10AWG) ALL CIRCUITS
   Ø1.70 TO Ø4.20 (6 CIRCUITS WITH 5mm² TO 4mm²) AT CENTER AND REMAINING 8 CIRCUITS 0.75mm² TO 4mm²)
   Ø1.70 TO Ø4.20 (6 CIRCUITS WITH 5mm² TO 3mm²) AT CENTER AND REMAINING 8 CIRCUITS WITH 4mm²

7. ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE (Ø1.40 TO Ø4.20 OD (22AWG TO 10AWG) OR 0.5mm² TO 5mm²) INSULATION CRIMP HEIGHT, WIRE CRIMP HEIGHT, INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING

   MAX. INSULATION CRIMP WIDTH : 4.50
   MAX. INSULATION CRIMP HEIGHT : 4.50
   MAX. INSULATION : Ø4.20 (10AWG OR 5mm² ISO THIN WALL)

8. USE WITH CAVITY PLUG MVL 54200005, DPN 15316894 WHEN REQUIRED
   USE WITH DOUBLE X-WMS TREE CLIP CHRYSLER 04702591 WHEN REQUIRED
   USE WITH SINGLE X-WMS TREE CLIP CHRYSLER 04625797 WHEN REQUIRED
   USE WITH 2.80MM APEX FEMALE TERMINAL PER MVL 01500A-0157
   SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION.

9. DIRECT CONNECT DRAWING NO. MVL 03601A (CHRYSLER 04707029).

10. TEST METHOD PER CHRYSLER PERFORMANCE SPEC# SAE/USCAR-2 REV 5.
    CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED FORCE
    NOT TO EXCEED 140N FOR THIS SYSTEM

    PRESSURE 3 PSI (22 KPA) PER PF-75211
    CPA SEATING FORCES : 40N MAX
    WEDGE SEATING FORCES : 140N MAX
    X-WMS TREE CLIP INSERTION FORCES : 75N MAX

11. SUPPLIER I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE.

12. ANNUAL QUALITY REQUIREMENTS:

    IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #G04-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/USCAR-2 REV 5.

13. 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.

14. MUST CONFORM TO THE FOLLOWING CHRYSLER/FNA STANDARDS:

    SAE/USCAR-2 REV 5 EXCEPT AS NOTED ABOVE
    PS-9000 QUALITY SYSTEM REQUIREMENTS
    PS-4400-CDX-4 (CHRYSLER) PART I.D., 01-009-2 (FNA)
    PS-9065 REBRIND (CHRYSLER), 01-009-3 (FNA)
    PS-9027 DATA EXCHANGE (CHRYSLER), 01-009-7 (FNA)
    PS-10052 INFORMATION SECURITY (CHRYSLER)

15. THIS DRAWING H59008: REPLACED CHRYSLER DRAWING 04687876

16. MVL P/N'S WITH SUFFIX "N" DESIGNATES ASSEMBLIES WITHOUT CPA

17. * INDICATES END SEAL 33K1040 OR MENTIONED AS BELOW & RETAINER 54201429 ONLY FOR SEALED APPLICATIONS. FOR UNSEALED WIRE HARNESS ASSEMBLY, SEE HARNESS ASSEMBLY DRAWING FOR APPLICABLE PNs.

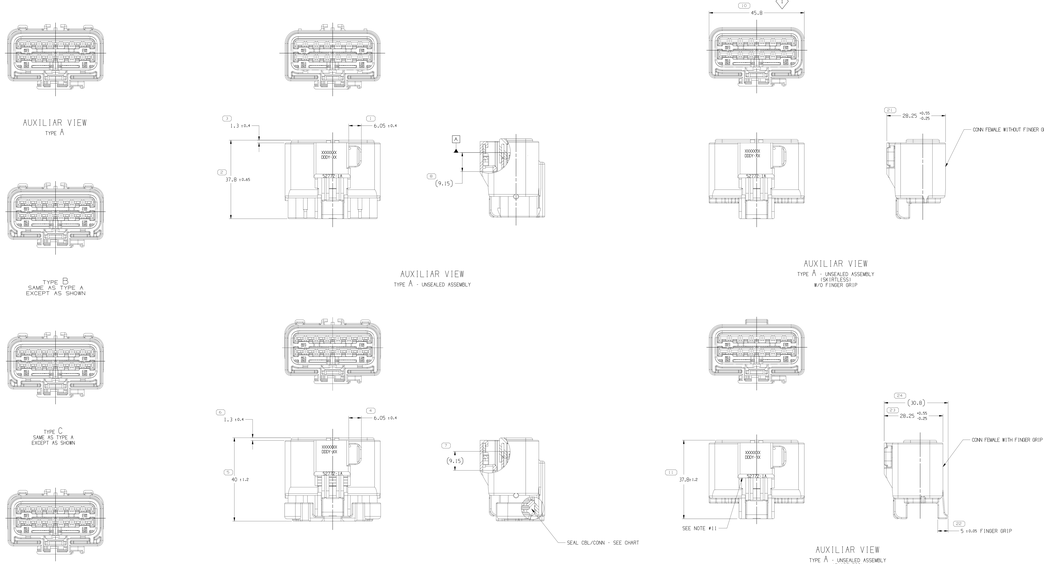
18. MVL SUPPLIER CODE: 52772 OR 52772M

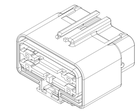
19. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR COSMETIC DEFECTS, SUCH AS SCUFFS, SCRATCHES, DENTS, BUBBLES, FOR BLEMISHES, RATE WEETING, AND SO FT.H.ASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP.4-1.CS.01.DN.

20. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

21. OPTIONAL SECONDARY WIREREDSS COVER AVAILABLE FOR ALL SEALED ASSEMBLIES. SEE TAXI 33395.35.

22. ASM CONNECTOR Pn 35827369 WAS ANALYZED FOR CREEPAGE & CLEARANCE FOR 48 VOLT



| REV STATUS | | |