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	PPS	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 ROUNDED BY COMPUTER FOR INSPECTION. ALL DIMENSIONS ARE TO BE MEASURED ON PART. OTHER DIMENSIONING 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 APPROVAL OF PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.

5. WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.

6. ALL SEALED APPLICATIONS WITH 33401040 MAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
   Ø1.70 TO Ø.8-2M (12GWG) TO 10AWG) ALL CIRCUITS
   Ø1.70 TO Ø.8-2M (12GWG) TO 10AWG) ALL CIRCUITS
   Ø1.70 TO Ø.4-2D (6 CIRCUITS WITH 5mm² 0.2IN ENDS & Z AT CENTER AND REMAINING 8 CIRCUITS 0.75mm² TO 4mm²)
   Ø1.70 TO Ø.4-2D (6 CIRCUITS WITH 5mm² 0.2IN ENDS & Z AT CENTER AND REMAINING 8 CIRCUITS WITH 4mm²

7. ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE (Ø1.40 TO Ø.4-2D (12GWG) TO 10AWG) OR 10.5mm² TO 5mm²) WITH ANY SEAL (NONE, 33401040 OR 33401041) AND ANY INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING

   MAX. INSULATION CRIMP WIDTH : 4.50
   MAX. INSULATION CRIMP HEIGHT : 4.30
   MAX. INSULATION : Ø4.20 (10AWG OR 5mm² ISO THIN WALL)

8. USE WITH CAVITY PLUG MVL 54200005, DPN 15316894 WHEN REQUIRED
   USE WITH CAVITY PLUG
   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 01504-0UST
   SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION.

9. DIRECT CONNECT DRAWING NO. MVL 03604 (CHRYSLER 04707029).

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

    PRESSURE 3 PSI (20 KPA) PER PF-15211
    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 #GQA-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/FIAT STANDARDS:

    SAE/USCAR-2 REV 5 EXCEPT AS NOTED ABOVE
    PS-9000 QUALITY SYSTEM REQUIREMENTS
    PS-4400-CDX-1 (CHRYSLER) PART I.D.,.. (0-009-2 YNA)
    PS-9065 REBRIND (CHRYSLER),. (0-009-3 YNA)
    PS-9027 DATA EXCHANGE (CHRYSLER),. (0-009-7 YNA)
    PS-10052 INFORMATION SECURITY (CHRYSLER)

15. THIS DRAWING (H59008) REPLACES CHRYSLER DRAWING 04687876

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

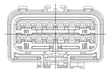
17. # INDICATES END SEAL 33401040 OR MENTIONED AS BELOW & RETAINER 54201428 OR HINGE TYPE PROVIDED LOOSE PIECE ARE INSTALLED AT WIRE HARNESS ASSEMBLY, SEE HARNESS ASSEMBLY DRAWING FOR APPLICABLE PNs.

18. MVL SUPPLIER CODE: 52702 OR 52720

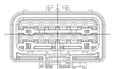
19. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER ENG#.4.1.CS.01.EN.

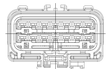
20. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

21. OPTIONAL SECONDARY WIREDRESS COVER AVAILABLE FOR ALL SEALED ASSEMBLIES. SEE TAXI 33355.B.

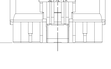


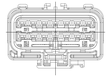
AUXILIAR VIEW
TYPE A



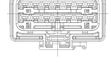


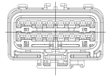
TYPE B
SAME AS TYPE A
EXCEPT AS SHOWN



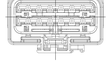


TYPE C
SAME AS TYPE A
EXCEPT AS SHOWN

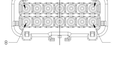


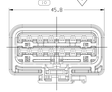


TYPE D
SAME AS TYPE A
EXCEPT AS SHOWN



TYPE Z
SAME AS TYPE A
EXCEPT AS SHOWN

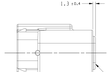




AUXILIAR VIEW
TYPE A - UNSEALED ASSEMBLY

CONN FEMALE WITHOUT FINGER GRIP - SEE CHART

AUXILIAR VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
W/O FINGER GRIP



SEAL CBL/CONN - SEE CHART

SEE NOTE #11

AUXILIAR VIEW
TYPE A - UNSEALED ASSEMBLY
(SKIRTLESS)
WITH FINGER GRIP

CONN FEMALE WITH FINGER GRIP - SEE CHART

PLR (FULL-STAGE) - SEE CHART

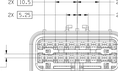
SEAL CBL/CONN (WITHOUT HOLES) - SEE CHART

FOR MVL P/N 54201445N
APX 13511467

AUXILIAR VIEW
TYPE A - SEALED ASSEMBLY

AUXILIAR VIEW
TYPE A - CONNECTOR VIEW
FOR REFERENCE ONLY

PLR (PRE-STAGE) - SEE CHART



CONN - SEE CHART

TYPE A

SEAL CONN - SEE CHART

LAST 6 DIGITS OF P/N &
PART DAMAGE LEVEL (PCL)
MFG. DAILY DATE CODE &
ASST. MACHINE # LETTERING
MUST BE LEGIBLE
OPTIONAL.

CPA (PRE STAGE) - SEE CHART

SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
SHIPPED WITHOUT END SEAL AND RETAINER

| | | |