DWG STATUS

DATE | STG | PEV | NVP | CHG | ZONE

|05FE19| R |01|AC| - |

|21AU19| | 01 | AE | - |

DATE STOREV NYF CHO

20AU18 R 01 AA - UPDATED PART AVAILABILITY AND REVISED NOTE #15 "THE HEADER INNER CONNECTOR ASSEMBLY MUST WITHSTAND AN

| 12AP19| R | 01 | AD | - | | UPDATED DRAWING AND PART NAME

ELECTRICAL HI-POT TEST"

BOM VIEW WAS CONFORMED FROM HEADER HOUSING SUB ASM 33300632 & LOCK

"ELECTRIC REQUIREMENTS" NOTE

INRCONNECT ASM 33311166 AND UPDATED

ADDED CAVITY ID CALLOUTS AND REVISED "VALIDATION" NOTE

ADDED "VALIDATION DATA", PARTS FREE OF 441208 LVD JAA TM ANY WASTE AND PACKAGING NOTES

AUTH DR APVD APVD

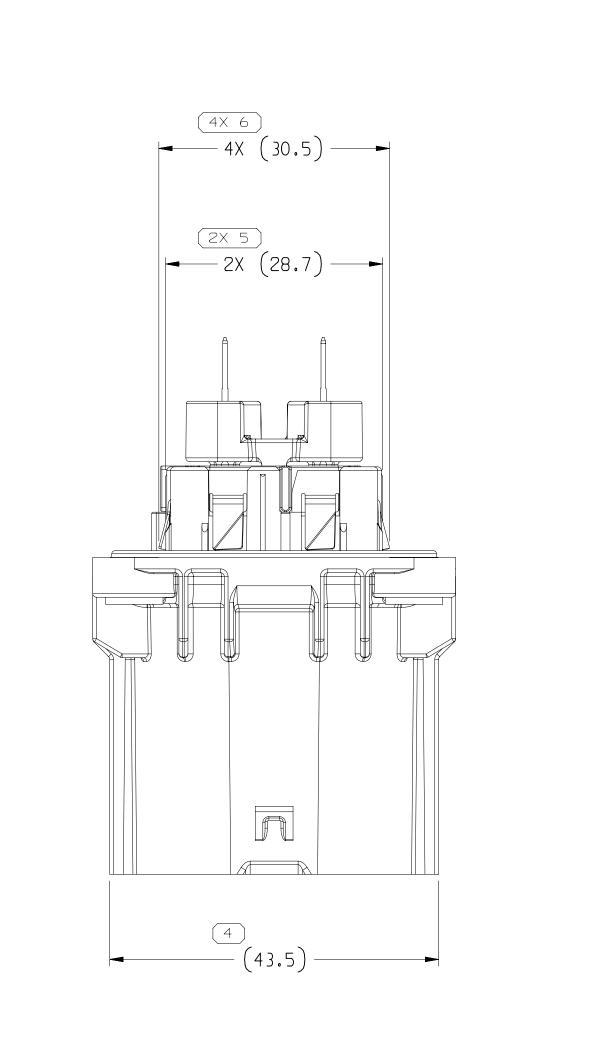
| 435591 | RAK | RAK | TM |

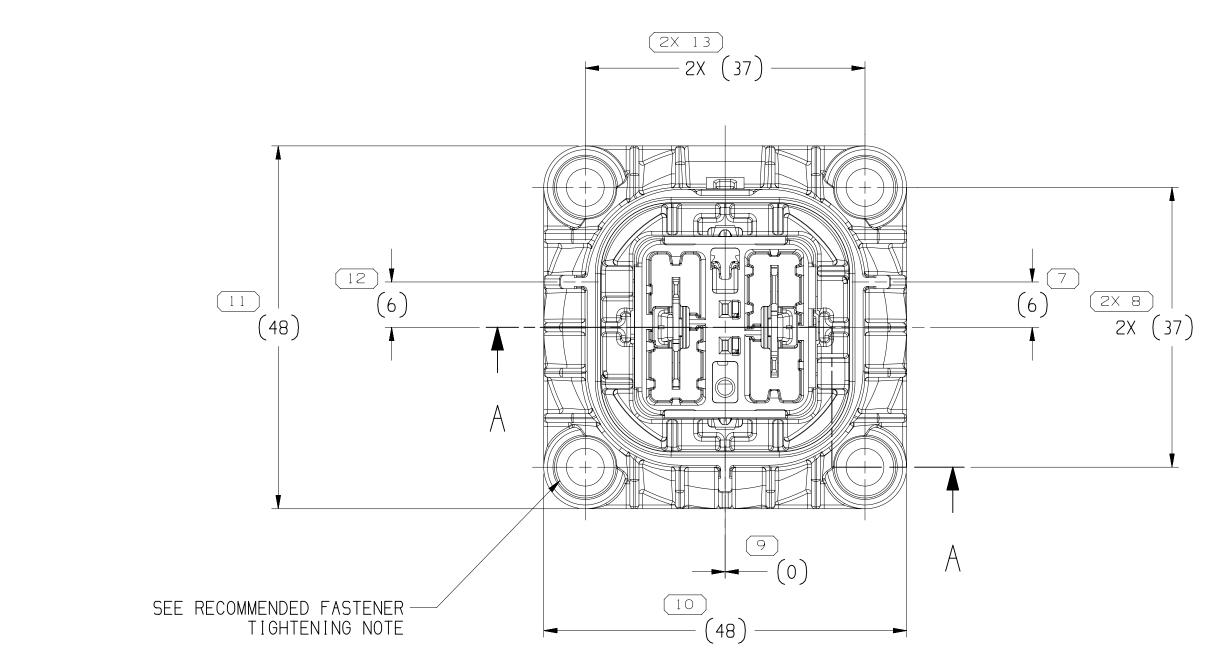
| 440745 | AHY | AHY | TM | M |

MISSING SYMBOLS

NO MISSING

SYMBOL NUMBER

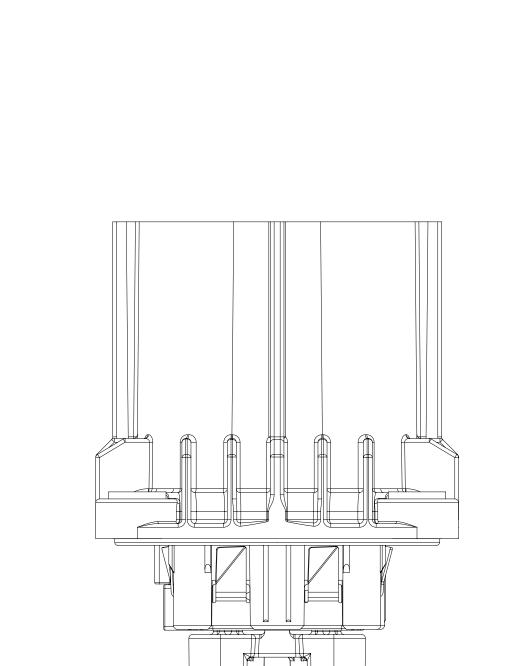


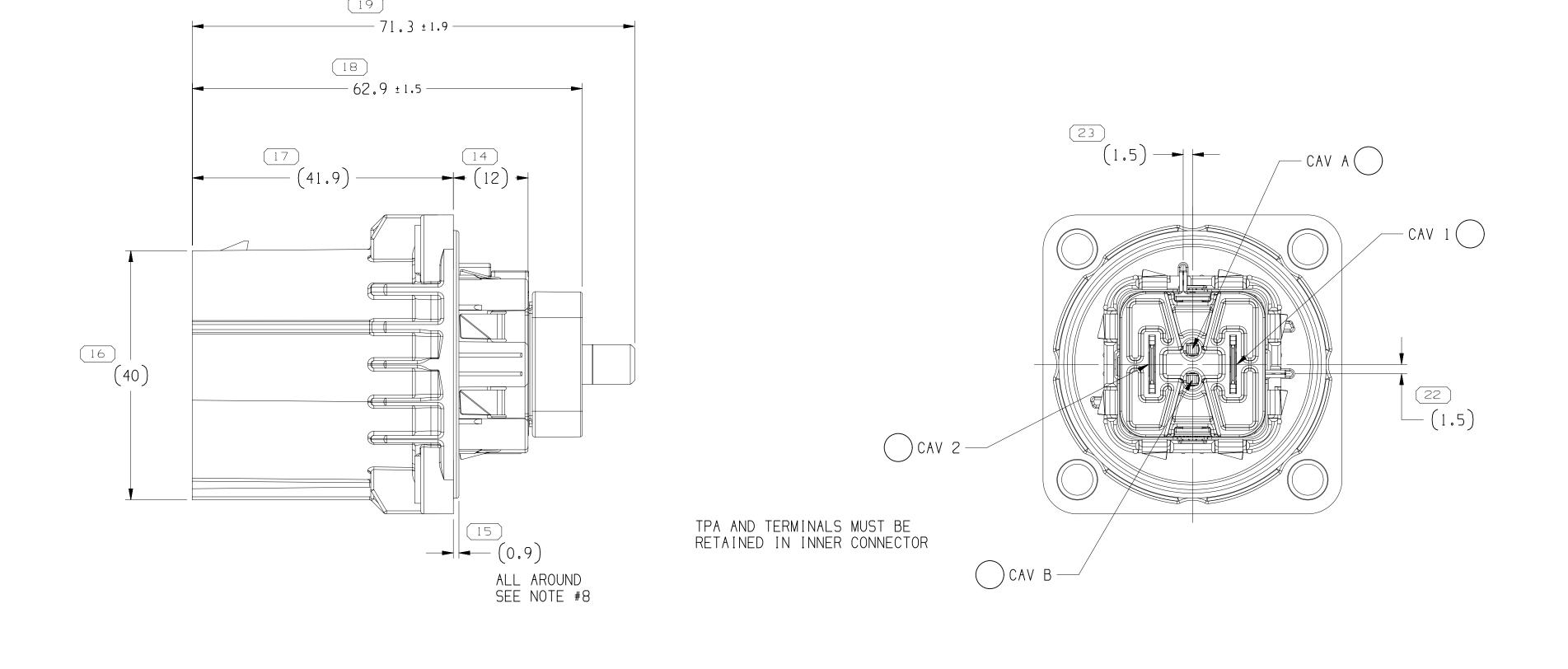


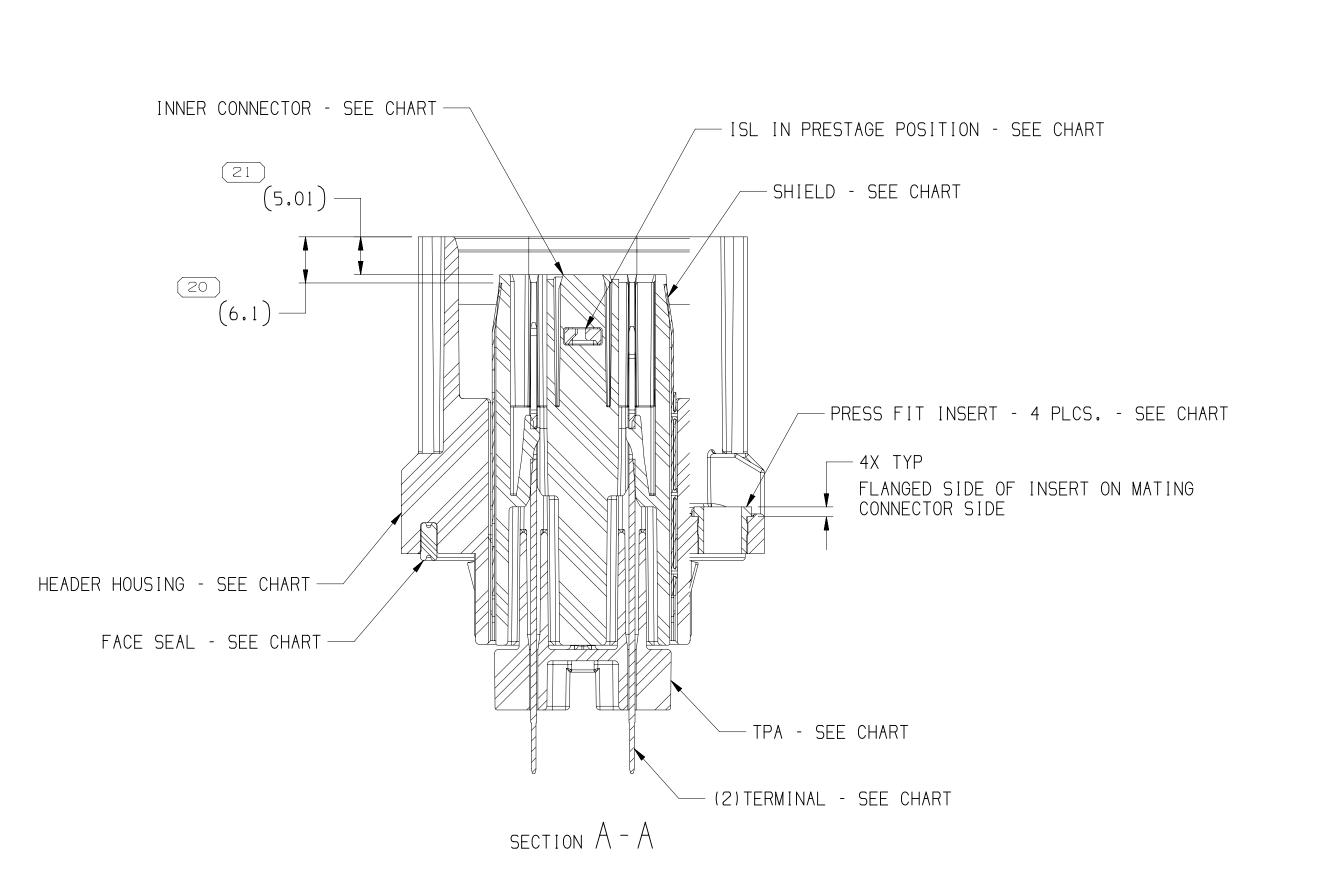
M4 FASTENER HEAD OD NOT TO EXCEED 8MM. M4 FASTENER HEAD HEIGHT NOT TO EXCEED 4MM.

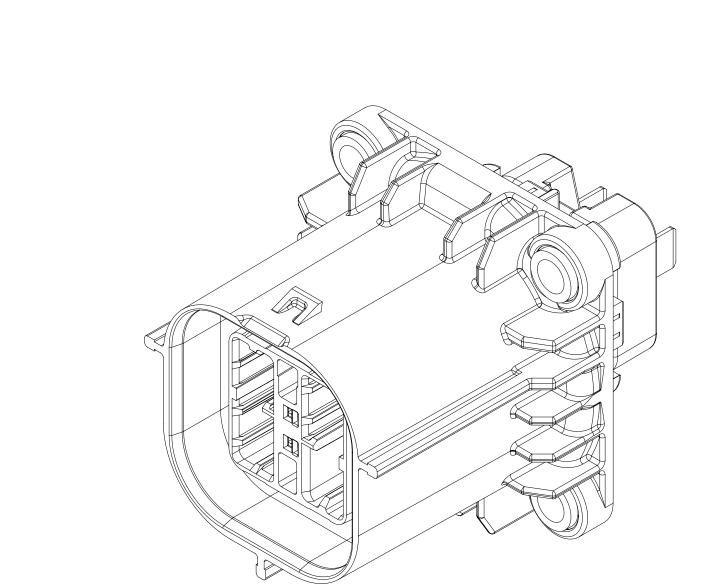
 $\rightarrow$  4X (0.93)

4X 3 2X 2 4X (30.5) 2X (28.7)









SYMBOL DEFINITION

TOTAL NO OF

REQUIRED

INSPECTIONS

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL

DOES NOT REQUIRE INSPECTION. IT MAY BE

CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL

BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. REFERENCE MATING COMPONENTS OR EQUIVALENT:

CONNECTOR ASSEMBLY 33300634 SHOWN ON TAXI 33300639

3. FOR DEVICE CASE MATING CONFIGURATION REQUIREMENTS:

SEE TAXI 35016237 4. CAUTION: THE HEADER IN THIS ASSEMBLY IS A MODULAR COMPONENT USED IN MULTIPLE ASSEMBLIES. HEADER INDEXING MUST BE VERIFIED WHEN MULTIPLE

HEADERS WITHIN THIS CONNECTOR FAMILY ARE USED. SEE TAXI 33300637 AND 35161786 FOR SHARED INDEXING. 5. 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 EANP\_4-3\_CS\_01\_EN.

6. RECOMMENDED FASTENER TIGHTENING TORQUE IS 2.5N. OVER TORQUE TESTING AND TORQUE TO FAILURE MUST BE PERFORMED BY DEVICE CASE OR TIER ONE SUPPLIER.

7. THIS ASSEMBLY MUST BE LEAK TESTED PER ES-A-755.

8. SEAL MAY BECOME DISLODGED DURING SHIPPING AND HANDLING. BEFORE ATTACHING TO THE MATING DEVICE OR COVER, THE OPERATOR MUST MAKE SURE THE SEAL IS INTACT AND PROPERLY ASSEMBLED AS SHOWN.

9. HARNESS MANUFACTURER IS RESPONSIBLE FOR VALIDATING THE CONNECTION AS

APPLIED ON CABLE TO THE REQUIREMENT OF SPECIFIC APPLICATION. 10. CONNECTOR DESIGNS PROVIDE THE FOLLOWING MINIMUM CREEPAGE DISTANCE WHEN MATED. AS PER IEC 60664 WITH POLLUTION DEGREE = 2 OR 3; THE SHORTEST CREEPAGE PATH WHEN MATED TO FEMALE CONNECTOR ASSEMBLY 33300634 IS FROM

FEMALE TERMINAL TO FERRULE, FERRULE TO FEMALE TERMINAL = 19.3 MM. 11. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS

- MIN 5.0 MM<sup>2</sup> COPPER CONDUCTORS. - TERMINAL TO CONDUCTOR INTERFACE RESISTANCES 0.2 MILLIOHMS. SOLDERED CRIMPS ARE RECOMMENDED. TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION TO

CARRYING > 25A REQUIRE THE FOLLOWING

INSURE T-RISE OVER AMBIENT IS < 35° C AT MAXIMUM CONTINUOUS CURRENT. 12. PARTS MUST BE PACKAGED IN COMPARTMENTAL CONTAINERS OR TRAYS AND BE PACKED

IN PLASTIC BAGS OR THE SHIPPING CONTAINER MUST BE LINED WITH PLASTIC LINERS. BAG OR LINERS MUST BE SEALED TO AVOID FORIEGN MATTER.

13. PARTS MUST BE FREE OF DUST, CARDBOARD FIBER, LOOSE METAL SIL¥ERS OR ANY PARTICULATE THEY MAY CAUSE FIT OR FUNCTION CONCERNS.

14. REFERENCE MANUAL 33357995 FOR ASSEMBLY/DISASSEMBLY INFORMATION.

15. THE HEADER INNER CONNECTOR ASSEMBLY MUST WITHSTAND AN ELECTRICAL HI-POT TEST OF 3000 VOLTS(AC) FOR 10 SECONDS BETWEEN THE MALE TERMINALS AND BETWEEN THE

MALE TERMINALS AND SHIELD. 16. ALL LISTED ASSEMBLIES VALIDATE TO SAE/USCAR-2 R6: 2013-02;

SAE/USCAR-37: 2008-08 AUG 2008 (T3; V1; S3) 17. PARTS MUST BE FREE OF DUST, DIRT, CARDBOARD FIBER, LOOSE

METAL SLIVERS, OR ANY PARTÍCULATÉ THAT MAY CAUSE FIT OR FUNCTION CONCERNS.

ENCLOSED IN CLEAN POLYETHYLENE BAGS.

18. PARTS MUST BE PACKAGED IN COMPARTMENTAL CONTAINERS OR TRAYS,

SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P A1×3 2:1 2 OF 2 1 OF 1 R 01 AE

35028304 33299819 FACE SEAL COMPRESSION LIMITER TERMINAL INNER CONNECTOR MATING CONFIG CONTROL PLAN

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