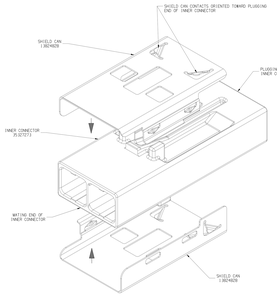
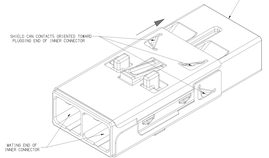
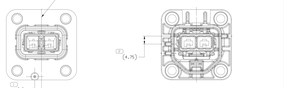
ADDITIONAL ASSEMBLY INFORMATION

ASSEMBLE SHIELD CANS TO INNER CONNECTOR IN CORRECT ORIENTATION AS SHOWN BELOW.

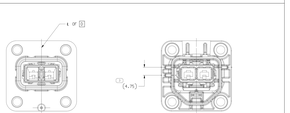


PROPERLY ASSEMBLED SHIELD CANS TO INNER CONNECTOR

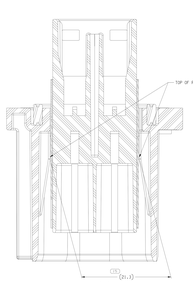


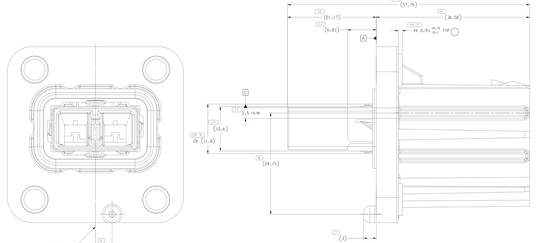


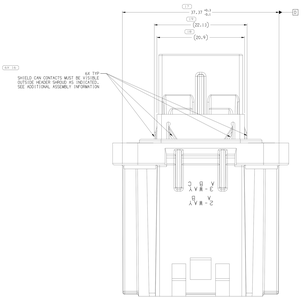
TYPE 103
SAME AS TYPE 101 EXCEPT AS SHOWN

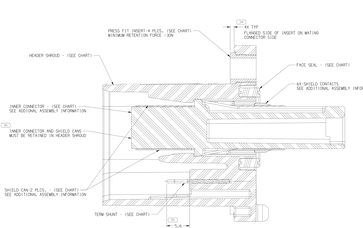


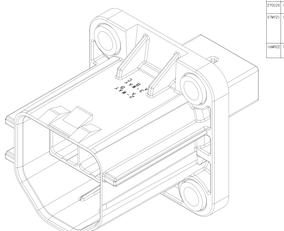
TYPE 102
SAME AS TYPE 101 EXCEPT AS SHOWN

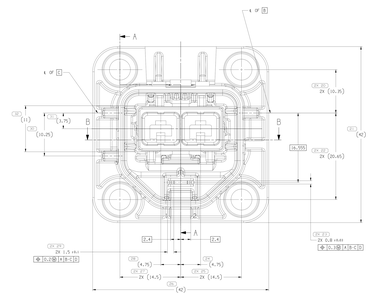


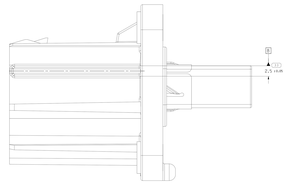












NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF SEAL
   DIMENSIONS ARE FOR REFERENCE AND INSPECTION ONLY WITH MODEL FOR PRECISE DIMENSIONS - FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL, REFER TO 3D MODEL. ALL DIMENSIONS ARE IN MILLIMETERS.
2. FOR MATING CONFIGURATION REQUIREMENTS, SEE PART NUMBER 13865551.
3. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS SUCH AS SLIGHT SCRATCHES, SLIGHT VARIATIONS IN COLOR OR SLIGHTLY DENTED SEALS, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP_A1.1_05_01_EN.
5. RECOMMENDED MOUNTING FASTENER TIGHTENING TORQUE OF 2.5 - 3.5 N.M. ASSEMBLY OF THE MOUNTING FASTENERS MUST BE PERFORMED BY DEVICE CASE OR TIER ONE SUPPLIER.
6. THIS ASSEMBLY MUST BE LOW TESTED PER ES-K-755.
7. SEAL MAY BECOME DISLODGED DURING SHIPPING AND HANDLING. BEFORE ATTACHING TO THE MATING DEVICE OR CAVITY, THE OPERATOR MUST MAKE SURE THE SEAL IS INTACT AND PROPERLY ASSEMBLED AS SHOWN.
8. HARNESS MANUFACTURER IS RESPONSIBLE FOR VALIDATING THE CONNECTION AS APPLIED ON CABLE TO THE REQUIREMENTS OF SPECIFIC APPLICATION.
9. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS
   - 105°C TEMPERATURE RATING ALLOWED
   - MIN 16.0 MM² COPPER CONDUCTOR
   - CONTACT PLATING MUST MAINTAIN RESISTANCES ≤ 0.2 MILLIOHMS.
   - SOLDERED CRIMPS ARE RECOMMENDED
   - TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION TO ENSURE TYPICAL OVER AMPERAGE OF 20° (1.5 MM) MAXIMUM CONTINUOUS CURRENT.
10. PARTS MUST BE PACKAGED IN COMPARTMENTAL CONTAINERS OR TRAYS AND BE PACKED SUCH THAT THEY DO NOT TOUCH EACH OTHER. IF PACKAGED WITH PLASTIC SHEETS, END OR LINERS, MUST BE SEALED TO AVOID FUMIGATION MATTER.
11. REFERENCE MANUAL 2550008 FOR ASSEMBLY/DISASSEMBLY INFORMATION.
12. ALL LISTED ASSEMBLIES VALIDATED TO GMW15049 (FALL 2012) OR EQUIVALENT WITH CONNECTOR MOUNTED TO ALL CYCLE CONDITIONS IN THE FOLLOWING EXCEPTIONS:
   - WHILE ADD TERMINAL FROM CONNECTOR EXTRACTION FORCE IS 8N MINIMUM FOR PLT-1.5 PIN, THE MINIMUM CONNECTOR EXTRACTION FORCE IS 4N MINIMUM FOR PRIMARY & SECONDARY LOCK TO > 130C.
13. CONNECTOR DESIGNS PROVIDE THE FOLLOWING MISWIRE PROOFING
   DISTANCES WHEN MATED, AS ASSESSED PER SAE4004 WITH
   POLLUTION DEGREE 2 OR 3
   - CAVITIES 1 TO 2 OR 3 OR 8 TO SHIELD = 12 MM
   - CAVITIES 4 TO 8 = 9 MM

SYMBOL DEFINITION	MISSING SYMBOLS
X DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL IS DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF REPEATING REQUIRED: 34
	LAST NO. USED: 37

| REVISIONS | | |