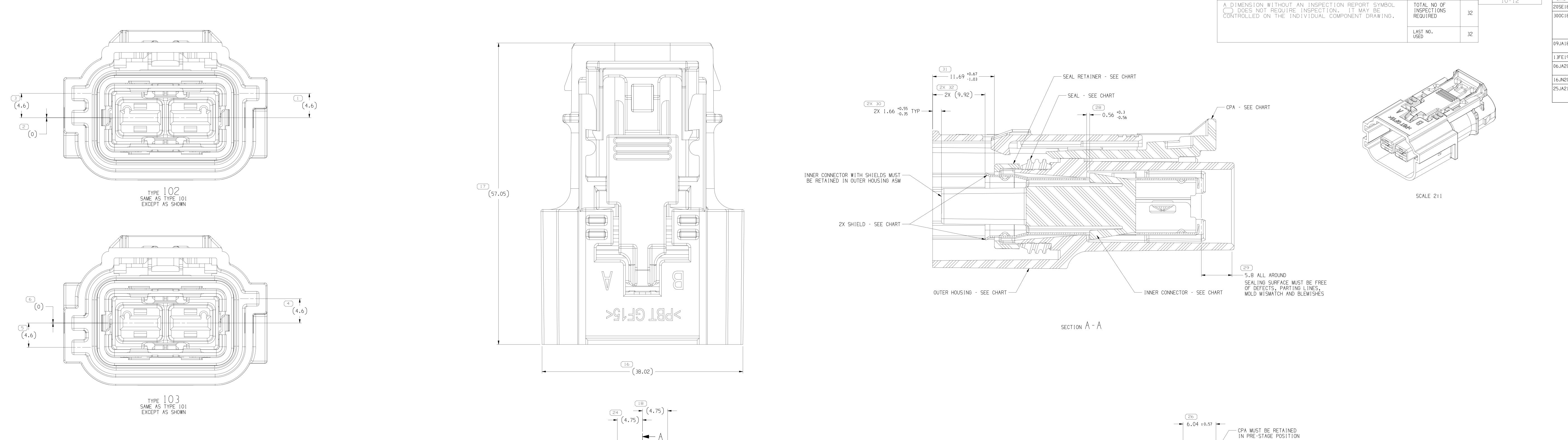
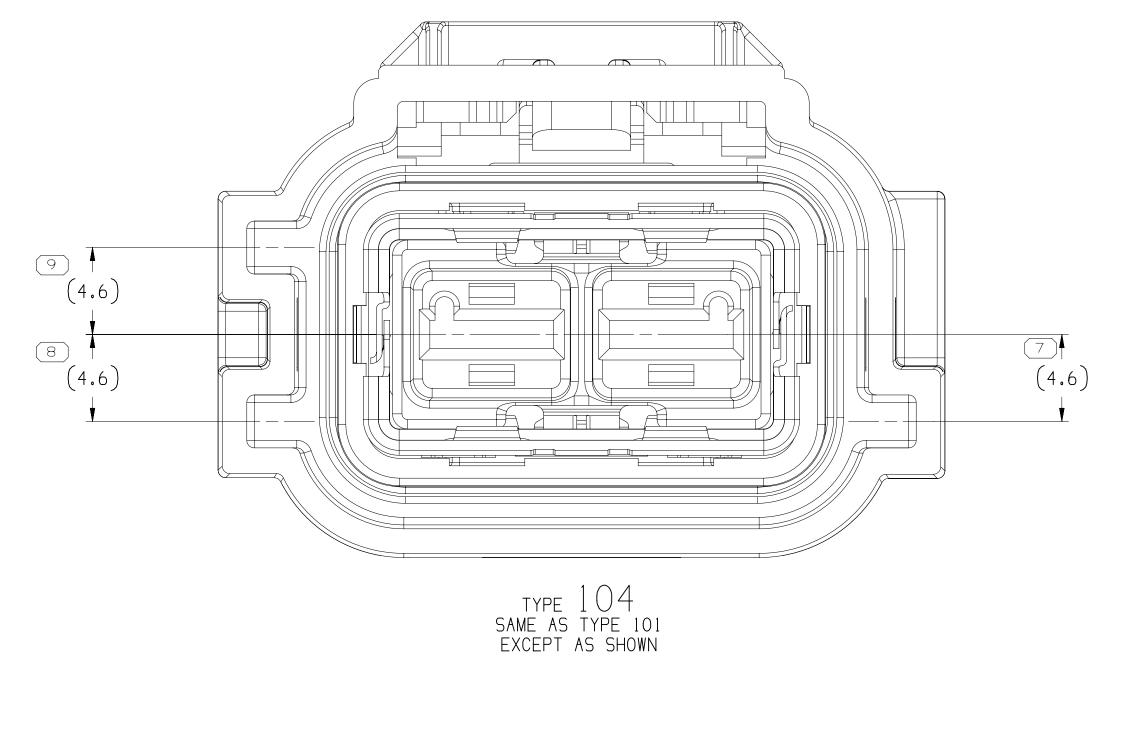
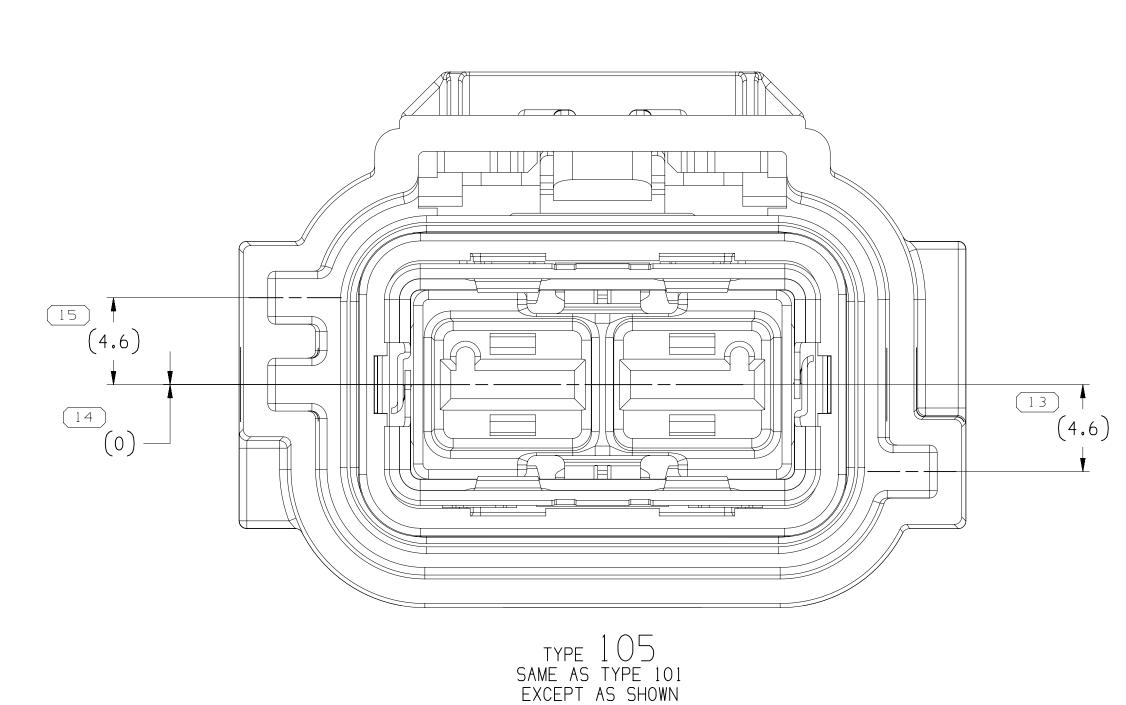
AUTH DR APVD APVD

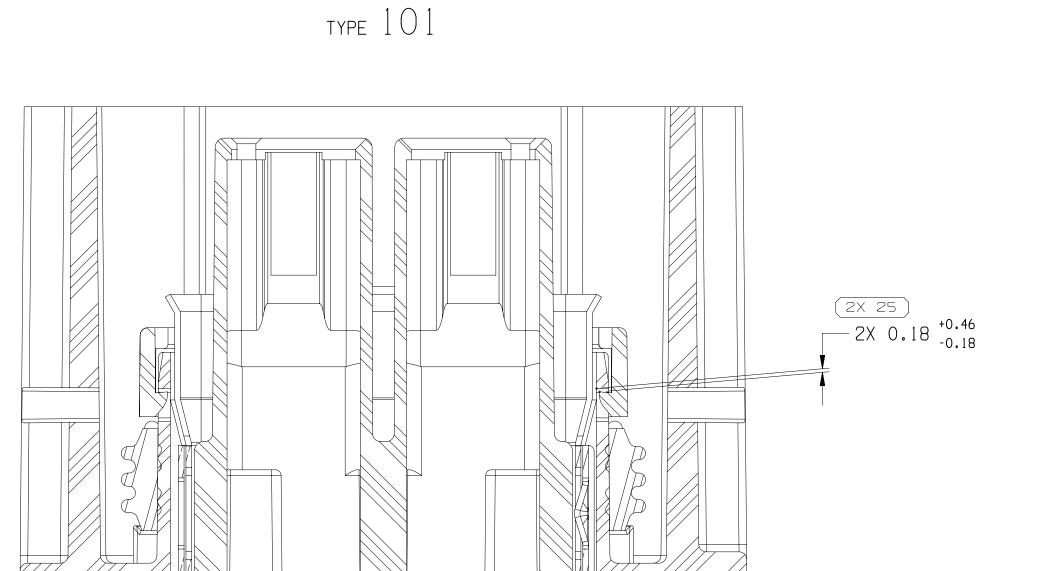
ALL PARTS - ADDED "DIELECTRIC WITHSTAND METHOD", "ELECTRIC VEHICLE CHARGING"
"SEALING APPLICATION", "ADDITIONAL ASSEMBLY INFO" NOTES & SHT 1 OF 2 AND MOVED TERMINAL CONFIG SET DATA TO SHT 2

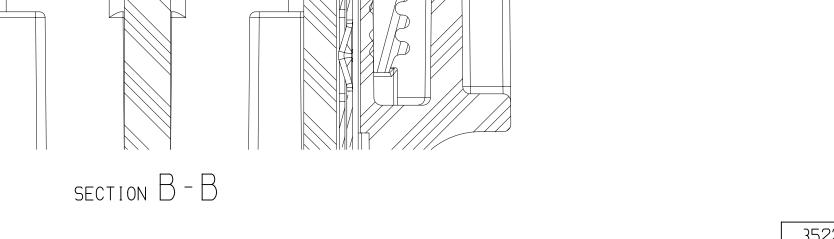
ALL PARTS - "APTIV M6488 CABLE" IN NOTE | 553290 DAG JAA MNC | #2 WAS "DELPHI M6488 CABLE" AND ADDED "ASSEMBLY MANUAL" NOTE











- 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.
- . CONNECTION SYSTEM IS VALIDATED ON APTIV M6488 HV SHIELDED CABLE AND MEETS THE PERFORMANCE REQUIREMENTS OF SAE/USCAR-2 R6_2013, SAE/USCAR-37 AUGUST 2008 AND GMW-3191 JUNE 2012 FOR THE FOLLOWING CLASSIFICATIONS:
- TEMPERATURE CLASS 3 (-40°C TO 125°C) VIBRATION CLASS ON BODY OR CHASSIS SEALING CLASS 3 (SEALED PLUS HIGH PRESSURE SPRAY) MATING CLASS 2 (50 CYCLES)
- 3. CONNECTOR DESIGNS PROVIDE THE FOLLOWING MINIMUM CREEPAGE DISTANCES WHEN MATED, AS ASSESSED PER IEC60664 WITH POLLUTION DEGREE = 2 OR 3: -CAVITIES A TO SHIELD OR B TO SHIELD = 6.755 mm -CAVITIES A TO B (WITHOUT MATING PART) = 13.51 mm
- 4. HARNESS MANUFACTURER IS RESPONSIBLE FOR VALIDATING THE CONNECTION AS APPLIED ON CABLE TO THE REQUIREMENTS OF SPECIFIC APPLICATIONS.
- 33339161 35102769 35028838 35028842 01 AF 104 33353305 33339161 35102769 35028838 35149967 32 5028840 01 AF 102 33353303 33339161 35102769 35028838 35149967 32 5028839 01 AF 101 33339160 33339161 35102769 35028838 35149967 33 PART NO | REV | N/P | TYPE | OUTER HOUSING | SEAL RETAINER | SEAL | INNER CONNECTOR | SHIELD (2 PLCS) | CPA

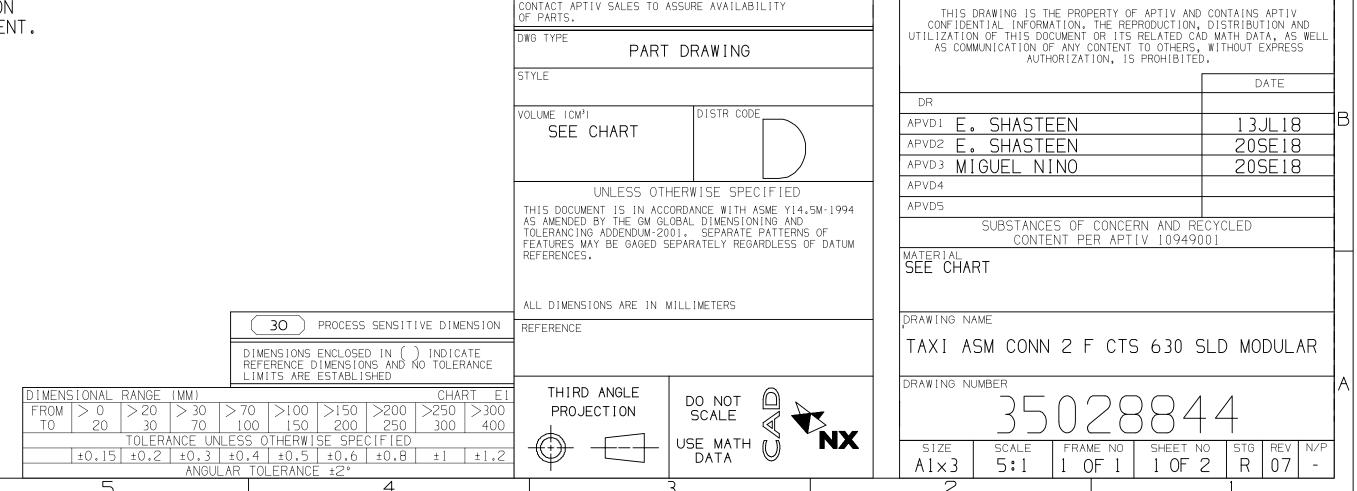
- 5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
- 6. CONNECTION MEETS DIELECTRIC WITHSTAND VOLTAGE RATING OF 600 VOLTS
- USING SAE/USCAR-37 AUGUST 2008 PARAGRAPH 5.5.2 TEST METHOD. 7. SEALING APPLICATION AND MARKING REQUIRED PER ES-A-755.
- 8. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS CARRYING >25A REQUIRE THE FOLLOWING: -MIN 5.0 MM2 COPPER CONDUCTORS. -TERMINAL TO CONDUCTOR INTERFACE RESISTANCE ≤ 0.2 mOhms. SOLDERED CRIMPS ARE RECOMMENDED. -TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION

SYMBOL DEFINITION

- TO INSURE T-RISE OVER AMBIENT IS <35 C° AT MAXIMUM CONTINUOUS CURRENT.
- 9. FOR ADDITIONAL CABLE AND COMPONENTS INFORMATION SEE SHT 2. 10. PARTS MUST BE FREE OF DUST, DIRT, CARBOARD FIBER, LOOSE METAL SLIVERS

(PRESSURE/VACUUM AND SUBMERSION).

- OR ANY PARTICULATE THAT MAY CAUSE FIT OR FUNCTION CONCERNS. 11. SEALING CODE 4 - DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART
- 12. FOR ASSEMBLY MANUAL REFER TO P/N 35328287.



A LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

DWG STATUS

DATE | STG | REV | N/P | CHG | ZONE

SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P A1×3 5:1 2 OF 1 1 OF 2 R 07