

(38.65)

TYPE 101

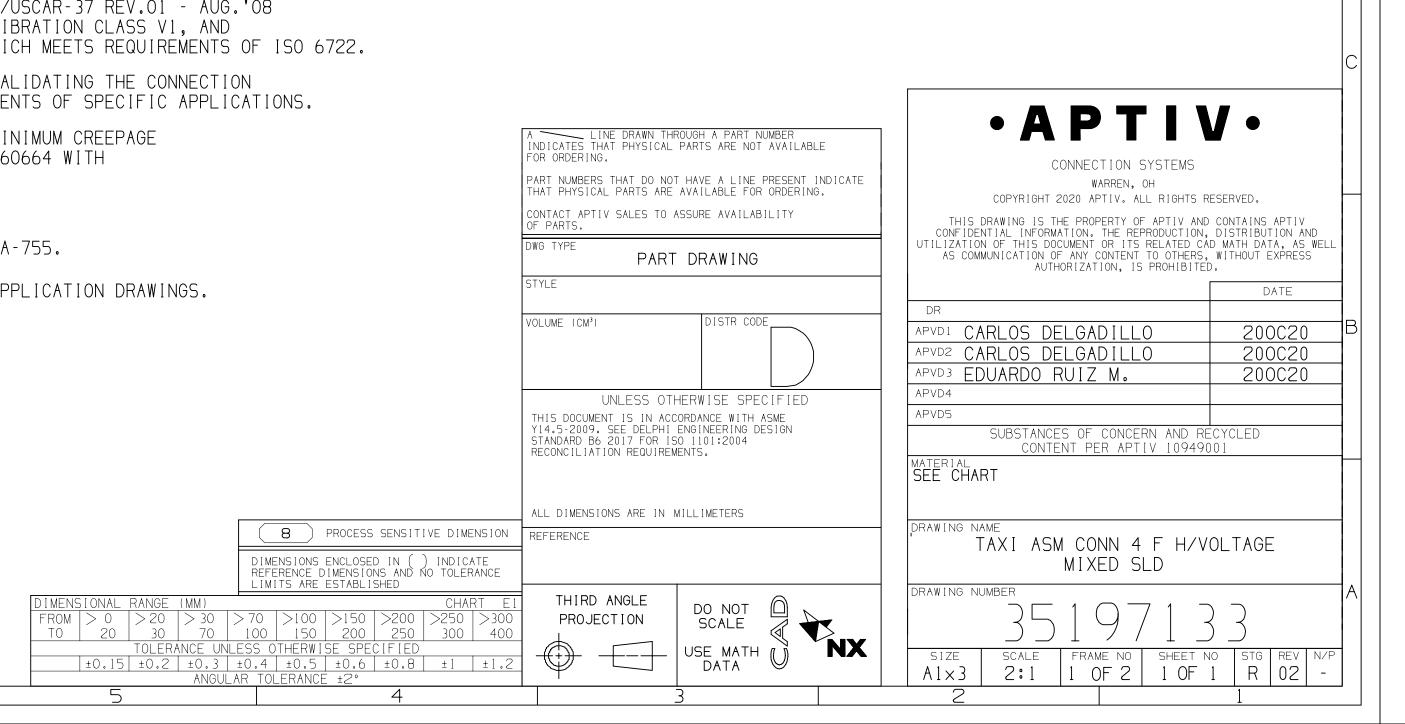
TERMINAL CAVITY 2 TERMINAL CAVITY 1 ---— TERMINAL CAVITY 4

NOTES 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. FOR CONNECTOR ASSEMBLY MANUAL SEE 35219215.
- 3. CONNECTOR ASSEMBLIES ARE VALIDATED TO SAE/USCAR-37 REV.01 AUG.'08 TEMPERATURE CLASS T3, SEALING CLASS S3, VIBRATION CLASS V1, AND MATING CYCLES MI, ON APTIV M6176 CABLE WHICH MEETS REQUIREMENTS OF ISO 6722.
- 4. HARNESS MANUFACTURER IS RESPONSIBLE FOR VALIDATING THE CONNECTION AS APPLIED ON OTHER CABLE TO THE REQUIREMENTS OF SPECIFIC APPLICATIONS.
- 5. CONNECTOR DESIGNS PROVIDE THE FOLLOWING MINIMUM CREEPAGE DISTANCES WHEN MATED, AS ASSESSED PER IEC60664 WITH POLLUTION DEGREE = 2 OR 3: - CAVITIES 1 TO 2 = 15mm

35197131 01 AA 103 35197148 35197153 35197154 15519096 35197129 01 AA 102 35197145 35197153 35197154 15519096 35197127 01 AA 101 35197144 35197153 35197154 15519096 PART NO REV N/P TYPE CONNECTOR PLR / SEAL CONNECTOR SEAL CONNECTOR SEAL

- CAVITIES 1 OR 2 TO 3 OR 4 = 7mm 6. THIS ASSEMBLY MUST BE LEAK TESTED PER ES-A-755.
- 7. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.



35197127 - WAS PE388207 AND RELEASED; 35197129 - WAS PE388208 AND RELEASED; 35197131 - WAS PE400129 AND RELEASED

A1×3 2:1 2 0F 2 1 0F 1 R 02 -

STRAIN RELIEF - PE388218 OR EQUIVALENT

— CABLE SEAL - 35197159 OR EQUIVALENT

<u>CAVITIES 3 & 4</u>

CABLE SEAL 13834614 OR EQUIVALENT —

RECOMMEND 0.8-1.0mm² CABLE WITH 2.2-2.69mm OD —

FOR COLUMN STIFFNESS WHEN PLUGGING TERMINALS

--- WHEN INSTALLING COMPONENTS ON CABLE, DOW 550 PROCESSING AGENT MAY BE APPLIED TO THE OD OF THE CABLE TO REDUCE SEAL TO CABLE SLIDING FORCE

- APTIV M6176 CABLE OR EQUIVALENT

8.6 MAX — - 2 MAX

APTIV OCS F TERMINAL 13919132 OR EQUIVALENT —

LEAR 6.3 F TERMINAL 35116544 OR EQUIVALENT —

Q OF CABLE

Q OF TERMINAL 0 ±0.5

4 MAX — 🚽 🔫

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Aptiv:

35197127 35197129