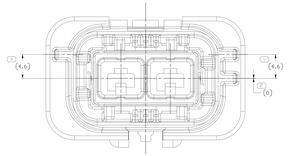
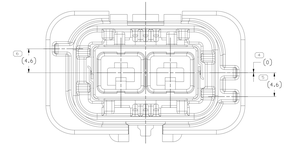
ADDITIONAL ASSEMBLY INFORMATION REFERENCE ONLY

SEE SHEET 2 FOR CABLE ASSEMBLY INFORMATION



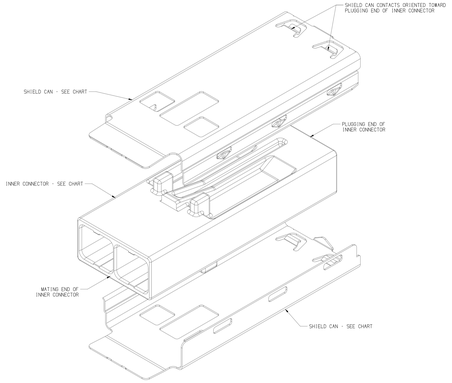
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



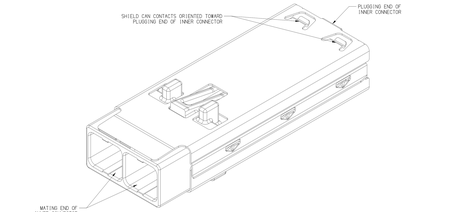
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

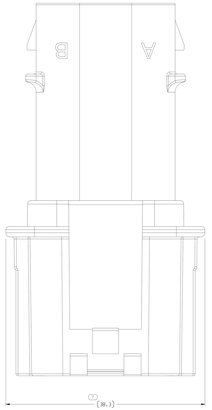
ADDITIONAL ASSEMBLY INFORMATION

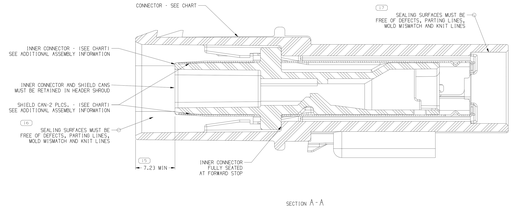
ASSEMBLE SHIELD CANS TO INNER CONNECTOR IN CORRECT ORIENTATION AS SHOWN BELOW.



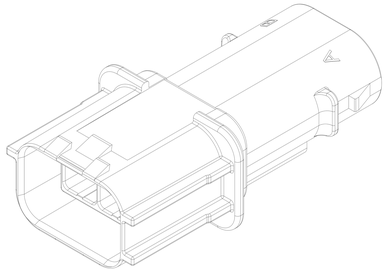
PROPERLY ASSEMBLED SHIELD CANS TO INNER CONNECTOR

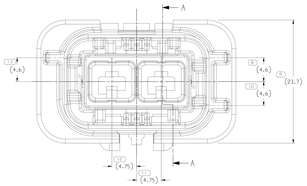




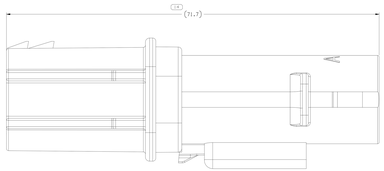


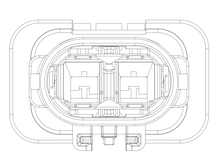
SECTION A-A





TYPE 101





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 TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
3. FOR CABLE ASSEMBLY INSTRUCTIONS, SEE SHEET 2.
4. CONNECTION MEETS DIELECTRIC WITHSTAND VOLTAGE RATING OF 600 VOLTS USING SAE/USCAR-37 AUGUST 2008 PARAGRAPH 5.5.2 TEST METHOD.
5. SEALING APPLICATION AND MARKING REQUIRED PER ES-A-75.
6. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS CARRYING 325A REQUIRE THE FOLLOWING:
   - CRIMP TO CONDUCTOR INTERFACE:
     TERMINAL TO CONDUCTOR INTERFACE RESISTANCES ≤ 0.2 mOhms. SOLDERED CRIMPS ARE RECOMMENDED.
   - TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION TO ENSURE T-RISE OVER AMBIENT IS <35 DEG C° AT MAXIMUM CONTINUOUS CURRENT.
7. PARTS MUST BE FREE OF DUST, DIRT, CARDBOARD FIBERS, LOOSE METAL SLIVERS OR ANY PARTICULATE THAT MAY CAUSE FIT OR FUNCTION CONCERNS.
8. SEALING CODE 4 - DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (PRESSURE/VACUUM AND SUBMERSION).
9. FOR ASSEMBLY MANUAL REFER TO P/N 35202087.

PART NO	REV	N/P	TYPE	CDV HOUSING	INNER CONNECTOR	SHIELD CAN - 12 PLCS
35201709	01	AF	101	35258000	35208832	(37373)
35201707	01	AF	102	35257999	35208832	(37373)
35201706	01	AF	101	35257998	35208832	(37373)

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	17
	LAST NO. USED	17

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

REVISION HISTORY							
DWG STATUS					DWN	CHK	APVD/DATE
STA.DE	R	01	-	-	ALL PARTS - RELEASED PART 3944160	435098	DAV JAA MAC
23MJ02	R	02	-	-	ALL PARTS - ADDED " DIELECTRIC WITHSTAND VOLTAGE", "SEALING APPLICATION" AND "ELECTRIC VEHICLE CHARGING" NOTES	441457	DAV JAA MAC
13FE14	R	03	-	-	ALL PARTS - ADDED "SEALING SURFACES" LABELS (2 PLCS) AND NOTES #7 & #8	442278	DJD DJD MAC
20JA20	R	04	-	-	ALL PARTS - PSD #45 "N/A"	550854	DJD DJD MAC
16JA20	R	05	-	-	ALL PARTS - UPDATED PART AVAILABILITY.	551762	JRR JRR MAC
23JL20	R	06	-	-	ALL PARTS - UPDATED INFO IN SHEET 2	552014	DRA DRA MAC
25JA21	R	07	-	-	ALL PARTS - ADDED "ASSEMBLY MANUAL" NOTE	557270	DAD JAA MAC

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PART DRAWING

SEE CHART

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE ±0.5 UNLESS OTHERWISE SPECIFIED
SURFACE FINISH 1.6 MICROMETERS

(15) PRESS SENSITIVE DIMENSION

DIMENSION ENCLOSED IN A RECTANGLE WITH ROUNDED CORNERS IS CRITICAL TO FUNCTION

DIMENSIONAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)				
.XX ±0.25	.XXX ±0.13	.XXXX ±0.08	ANGLES ±0.5°	.XXXXX ±0.05

THIRD ANGLE PROJECTION

DO NOT SCALE ON THIS DRAWING

REF DWG

APTIV
CONNECTION SYSTEMS
BOSTON, MA
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SPVSR	Jr. ALVARADO	31AUG18
APVD	MIGUEL NUNO	31AUG18
APVD		
APVD		

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SEE CHART

DRAWING TITLE
TX41 ASM CONN 2 W H/VOLTAGE 6.3 SLD

DRAWING NUMBER
35201709

SIZE	DRAWING NO	REV	SHEET	OF	SHEETS
A1x4	511	12	2	1	2

35201709