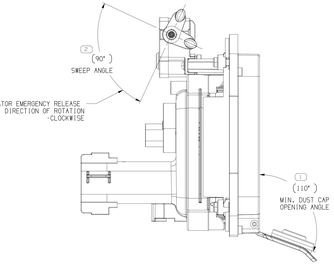
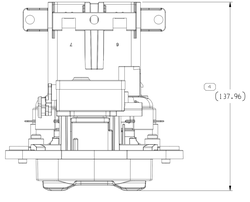
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL OR ⓘ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	16
ⓘ INDICATES THE DIMENSION IS SHOWN ON THE PART DRAWING AND THE TOOL MUST BE QUALIFIED AT BOX OF THE TOLERANCE SHOWN UNLESS SUPERSEDED BY A "TBT".	LAST NO. USED	11

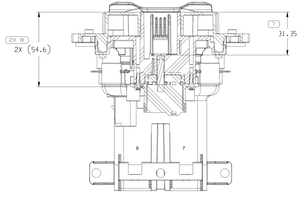
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

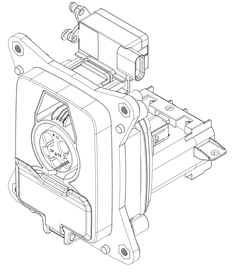
DWG STATUS				ZONE	REVISION HISTORY	RUTH	DR	APVD	APVD
DATE	SUB	REV	H/P	CHG					
100C22	R	01	-	-	ALL PARTS - RELEASED PART DRAWING	958614	KRK	KRK	MIR
01MR24	R	02	-	-	(2 SCREWS WAS 8, REMOVED SS SCREWS AND LABEL; REPLACED REAR COVER ADDED MANUAL	563476	TAI	TAI	MIR
110C24	R	03	-	-	REPLACED PIN BLOCK SEAL WAS 3545462	565954	LOD	COD	NEP

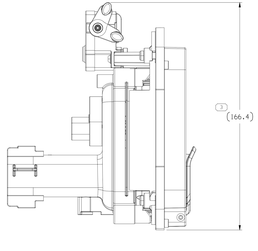


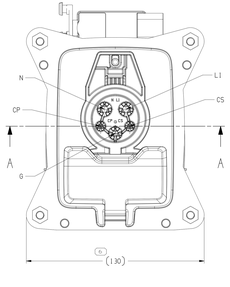


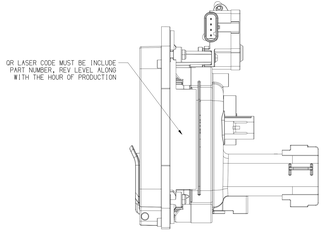


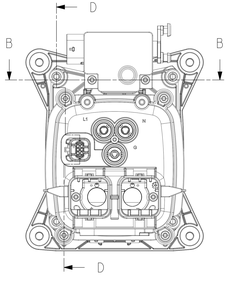
SECTION B-B

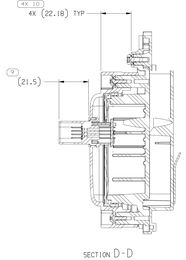




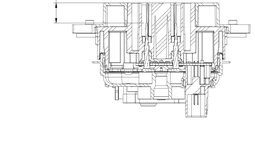








SECTION D-D



SECTION A-A

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. REFER TO ASSEMBLY MANUAL 35595A6A-CUST1-S01 FOR DETAILED DESCRIPTION OF ALL ASSEMBLY STEPS/SEQUENCE OF OPERATIONS. END OF LINE TESTS, CHECKS, DISPENSING DETAILS AND ADDITIONAL NOTES.

3. PARTS MUST BE PACKAGED TO PREVENT ANY DAMAGE DURING SHIPPING OR HANDLING. THE SHIPPING CONTAINER MUST BE LINED WITH PLASTIC LINERS. LINERS MUST BE SEALED TO AVOID FOREIGN MATTER.

4. PARTS MUST BE FREE OF DUST, CARDBOARD FIBER, LOOSE METAL SLIVERS OR ANY PARTICULATE MATTER THAT MAY CAUSE FIT OR FUNCTION CONCERNS

5. FOR APPLICATION DATA SEE THE APPLICATION DRAWING.

(11)

6. REFER TO ASSEMBLY MANUAL FOR DETAILED SPECIFICATIONS OF ALL TORQUE SPECS.

35446076	ACTUATOR	-	1	PCS
M86351013	PARKER CHOMERICS GAP FILLER MATERIAL	-	1.5	GRAMS
35758168	REAR COVER	POLY CARBONATE COMPOUND BLACK	1	PCS
35259531	M3 SCREW	STEEL	12	PCS
35446078	COMBINED AC & DC TPX	POLYESTER COMPOUND ORANGE	1	PCS
35548258	PERIPHERAL SEAL	SILICONE COMPOUND ORANGE	1	PCS
35615719	DC POWER ASM	COPPER ALLOY	2	PCS
35446047	AC SIGNAL PIN	COPPER ALLOY	2	PCS
35127931	PIN BLOCK SEAL	SILICONE COMPOUND BLUE	1	PCS
33103899	DC-O RING	SILICONE COMPOUND RED	2	PCS
35684816	AC-DC PCBA ASSEMBLY		1	PCS
35446058	AC TERMINAL MATTE SEAL	SILICONE COMPOUND GREEN	1	PCS
35329575	M4 SCREW	STEEL	4	PCS
35446065	INLET HOUSING	POLYESTER COMPOUND BLACK	1	PCS
35477169	BEAUTY PLATE (INSERT MOLDED)	POLYESTER COMPOUND BLACK	1	PCS
35477170	FRONT DC DUST COVER	TPV + POLYPROPYLENE COMPOUND	1	PCS
PART NO	DESCRIPTION	MATERIAL SPECIFICATION AND COLOR	QTY	UOM

DRAWING NUMBER 35715048

SIZE	SCALE	FRAME NO	SHEET NO	OF	REV	NUM
A1x3	1:1	2 OF 1	1	OF	R	03 -

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

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

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

TITLE:

VOLUME (CM³):

SYSTEM CODE: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AND ISO 10135:2007 DRAWING REVISION STANDARD AS DEFINED FOR ISO 10135:2004 RECONCILIATION REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

(11) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE SHALL BE STANDARDIZED.

DIMENSIONAL RANGE (MM)									
FROM	0	6	30	120	315	1000	2000	4000	8000
TO	6	30	120	315	1000	2000	4000	8000	16000
TOLERANCE (UNLESS OTHERWISE SPECIFIED)									
±0.5	±0.8	±1.2	±2.0	±3.2	±5.0	±8.0	±12.0	±16.0	±21.0
ANGULAR TOLERANCE ±0°									

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

REFERENCE

DR		
APVD	R.KANNAN	100C22
APVD	R.KANNAN	100C22
APVD	M.I.RUIZ	100C22
APVD		
APVD		
SUBSTANCES OF CONCERN AND RECYCLED CONTENT(APPROVED) (SEMICO)		
SIZE	SEE CHART	

DRAWING NAME: ASM CONN 0 M H/P 2500 HV

DRAWING NUMBER: 35715048

SIZE	SCALE	FRAME NO	SHEET NO	OF	REV	NUM
A1x3	1:1	1 OF 1	1	OF	R	03 -

•APTIV•

CONNECTION SYSTEMS

Chennai, India

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35715048

Sheet 1 of 1 Plot Date: 01-Nov-24 Time: 09:54:59
Plot Name: 35715048_R03.dwg
Plot Scale: 1:1 Plot Size: A1x3

AC TERMINAL CABLE ASSEMBLY & CRIMP DETAILS

NOTES:
1. ALL CRIMPS CONFORM TO APPROVED CRIMP SPECIFICATIONS.
2. ALL WIRE SIZES ARE AWG.
3. ALL CRIMPS MUST BE PERFORMED IN THE APPROVED TOOLS AT WELLS-CMI LOCAL SUBSIDIARY.
4. ALL CRIMPS CRIMPED BY HAND, PLEASE MAKE SURE TO PULL CRIMPED WIRE OUT OF CRIMPER.
5. ALL CRIMPS CRIMPED BEFORE THEY ARE SCREWED TOGETHER.
6. ALL CRIMPS MUST BE CLEAN.
7. ALL CRIMPS MUST BE FREE OF FOREIGN MATERIAL.
8. ALL CRIMPS MUST BE FREE OF WIRE STRANDS.
9. CRIMPS CANNOT CONTAIN SOLDER, FLUX, OIL, GREASE.
10. CRIMPS MUST BE FREE OF CRACKS, CUTS, TEARS, DENTS.
11. WIRE STRANDS TO BE CRIMPED IN THE WIRE BARREL ONLY.
12. WIRE STRANDS MUST BE FREE OF DAMAGE, SUCH AS NICKS, CUTS, ABRASIONS, ETC.
13. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.
14. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.
15. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.
16. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.
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19. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.
20. CRIMPS MUST BE FREE OF WIRE STRANDS OUTSIDE OF THE CRIMPED AREA.