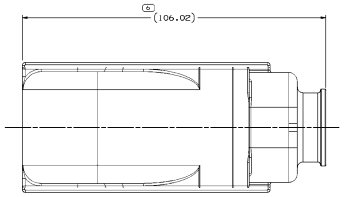
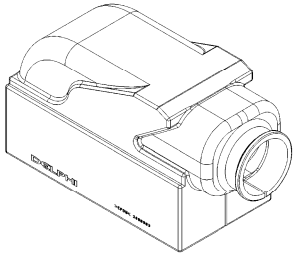
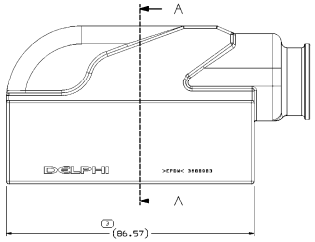
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL [ ] DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	13
	LAST NO. USED	10

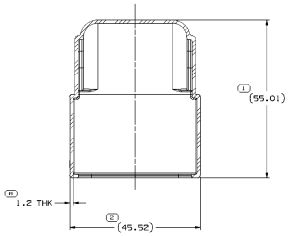
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STR	REC	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
20JN12	R	01	-	-		WAS PE25739 AND RELEASED PART DRAWING	41B582	MJT	JAA	APR
25JN12	R	01	AA	-		CREATED TOOL QUALIFICATION DRAWING	41B662	AGM	AGM	APR
06AU12	R	01	AB	-		REVISED GRAPHICS	419112	JCF	MAB	APR
31AU12	R	01	AC	-		UPDATED PDM ATTRIBUTES	419532	APR	APR	APR
06SE12	R	01	AD	-		UPDATED DIM (55.01) WAS 55.01, DIM (45.52) WAS 45.52, DIM (86.57) WAS 86.57, DIM (19.52) WAS 39.52, DIM (76.28) WAS 76.28, DIM (106.02) WAS 106.02, DIM (52) WAS 52, DIM (0.75) WAS 0.75. ADDED DIM 4X R 4.5 AND ADDED NOTE 1.	419567	APR	APR	APR
20SE12	R	01	AE	-		UPDATED DELPHI LOGO & RECYCLING CODE POSITION & UPDATED NOTES	419720	APR	APR	APR
05FE13	R	01	AF	-		UPDATED PDM ATTRIBUTES	421352	APR	APR	APR

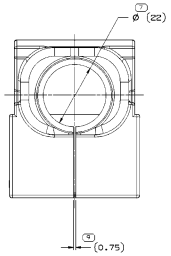


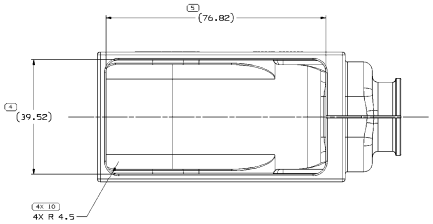






SECTION A - A





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. MATERIAL RECYCLING CODE PER ISO 11469. 12.31X10.11 CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.

3. 12.31X10.11 DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION FOR EXISTING TOOLING MAY BE "PED".

4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPNP-4.7-CS-01.

5. DIMS 10 & 8 MUST BE MEASURED WHILE GROMMET SITING ON TOP OF ASSM FORMED BY: 137819B7 AND 15494614.

PROCESS INSPECTION STANDARDS
DIMENSIONS ENCLOSED IN [ ] INDICATE CRITICAL TO QUALITY (CTQ) AS PER "CLEARANCE LIMITS FOR DETAIL PARTS"

DIMENSIONAL RANGE (MM)				SHIFT
FROM	0.0	3.00	>60	1.80
TO	3.0	60	80	

TOLERANCE PLUS/MINUS SHIFT

0.05	0.10	0.15	0.20

FORMAT TOLERANCE ZA

THIS DRAWING TOGETHER WITH NUMBER 13957208 DEFINES PARTS AVAILABLE FOR ORDERING.
PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.
CONTACT ORDERING SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE:

VOLUME (IN³): 21.653

SURFACE CONN:

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ISO 10.1M (PN 1994) AND ISO 8015 (PN 1985) UNLESS OTHERWISE SPECIFIED. ELECTRONIC FORMAT IS THE OFFICIAL RECORD. REFERENCE FEATURES OF RETURNED 3D/ 2D DWGS REPRESENT REQUIREMENTS OF SYSTEM REFERENCE.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
SYSTEM: 20
DELPHI PACKARD ELECTRIC SYSTEMS
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ALL RIGHTS RESERVED.
THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DETAILED CONFIDENTIAL INFORMATION. THE DRAWING MUST NOT BE REPRODUCED OR DISCLOSED OR MADE AVAILABLE TO ANY OTHER PERSON OR ENTITY, IN WHOLE OR PART, WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF DELPHI.

		DATE
DR		
APVD1	MA. ANTONIETA HDZ	20JN12
APVD2	J.S. ALVARADO	20JN12
APVD3	ALEJANDRA PAYAN	20JN12
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT FOR DELPHI (GRAMS)

MATERIAL: ETHYLENE PROPYLENE DIENE BLACK

DRAWING NAME: GROM CONN

DRAWING NUMBER: 13957208

SIZE	SCALE	TOTAL WT	SHEET NO	TOT	REV	NOP
AD	2:1	1 OF 1	1 OF 1	1	R 01	AF