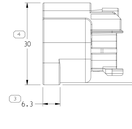
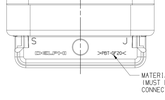
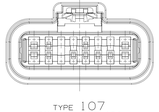


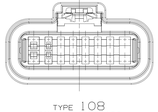
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



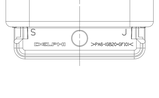


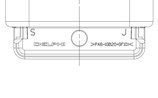


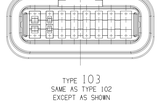
TYPE 107
SAME AS TYPE 104
EXCEPT AS SHOWN



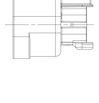
TYPE 108
SAME AS TYPE 103
EXCEPT AS SHOWN

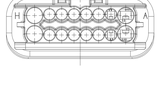


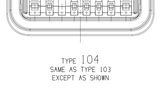




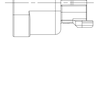
TYPE 103
SAME AS TYPE 102
EXCEPT AS SHOWN

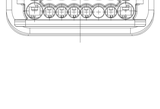






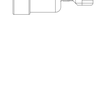
TYPE 104
SAME AS TYPE 103
EXCEPT AS SHOWN







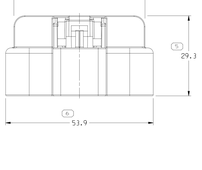
TYPE 105
SAME AS TYPE 104
EXCEPT AS SHOWN



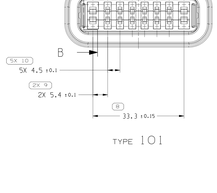




TYPE 106
SAME AS TYPE 104
EXCEPT AS SHOWN



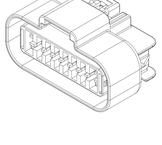




TYPE 101









MATERIAL RECYCLING
CODE OPTIONAL
(FOR NYLON CONNECTORS
TYPE 101, 107 & 108)

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	19
	LAST NO. USED	13

MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD
DATE	SIZE	REV	N/P	DWG					
12NO02	R	01	-	-	-	PART 15326056 WAS ON SEPARATE DWG; ADDED PART 15445019	233262	RH	RH CD
09SE03	R	02	-	-	-	15445019 - ADDED REINFORCEMENT RIB, ADDED NOTES 4,5,6;1 MODIFIED RIB; MOVED RECYCLING CODE, MOVED DATE STAMP, MOVED DELPHI LOGO;	245753	ADK	ADK MC
18SE03	R	03	-	-	-	15445019 - 6,3 WAS 6,5, 0,8 WAS 0,75, REVISED REINFORCEMENT RIB, REVISED RIB AND REVISED MATERIAL SPEC.	246054	EES	EES MJC
010C03	R	04	-	-	-	15445019 - MATERIAL SPEC, WAS WJ571002, ADDED SECTION B-B AND ADDED DIM #17-18	246605	EES	EES MJC
12A003	R	05	-	-	-	15445019 - ADDED DIM 301 REV DIM #45 0,8	248919	MAC	MAC MC
12JA07	R	06	-	-	-	15445019 & 15326056 - UPDATED INSPECTION SYMBOLS; 13624051 & 13624052 - RELEASED	400087	RTV	JAA PYP
09MR07	R	07	-	-	-	13624051 - MAT'L SPEC WAS W46290003; 13624052 - MAT'L SPEC WAS W46290102 AND UPDATED BLOCKED CAVITIES; 13631140 & 13631141 - RELEASED	400642	RTV	JAA PYP
28DE07	R	08	-	-	-	ALL PARTS - ADDED APPLICATION DATA NOTE, APPEARANCE ITEM NOTE & RECYCLING CODE LABEL, REMOVED MATING COMPONENTS NOTE, PART ACCEPTS NOTE, OPT MATING MBS CHART AND REVISED MAT'L CALLOUT TO GENERIC CALLOUT	403143	ACG	JAA JDS
02OC08	R	09	-	-	-	13624052 - UPDATED MAT'L CALLOUT	405781	LHD	LHD LHD
10OC12	R	10	-	-	-	UPDATED PDM ATTRIBUTES	419956	AAS	DAF AAS
02MY13	R	11	-	-	-	15543006 - RELEASED	422353	JDM	JDM JSM
09MY13	R	12	-	-	-	15544035 - RELEASED	422456	JDM	JDM JSM
21MY13	R	13	-	-	-	15543006 & 15544035 - UPDATED RECYCLING CODE; 15543006 - WAS TYPE 104; 15544035 - WAS TYPE 103	422702	JDM	JDM JSM
09AU17	R	14	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	437363	MF	MF CFH
05FE19	R	15	-	-	-	15445019 - UPDATED PDM ATTRIBUTES	442282	GLG	GLG RJR

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. (1,15)X10.1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.

3. (1,15)X10,11 RAISED DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED" OR NO LOGO.

4. DATE STAMP LOCATION CAN BE FLEXIBLE TO ACCOMODATE PHYSICAL FEATURES OF PART.

5. 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 NAP 4.10-18.

6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

15544035	01	AB	108	POLYAMIDE COMPOUND GRAY	04	C,D,E,F,G,H,J,K,L,M,N & P	12,812
15543006	01	AB	107	POLYAMIDE COMPOUND BLUE	11	C,D,F,G & P	12,759
13631141	01	AC	106	POLYESTER COMPOUND GRAY	09	C,G,H,J,K,L & P	12,790
13631140	01	AC	105	POLYESTER COMPOUND BROWN	05	C,D,E,F,G,H,K,L,M,N & P	12,856
13624052	02	AB	104	POLYESTER COMPOUND BLUE	11	C,D,F,G & P	12,759
13624051	01	AD	103	POLYESTER COMPOUND GRAY	04	C,D,E,F,G,H,J,K,L,M,N & P	12,812
15445019	04	AF	102	POLYESTER COMPOUND BLACK	16	-	12,624
15326056	07	AK	101	POLYAMIDE COMPOUND BLACK	16	-	12,148
PART NO	REV	N/P	TYPE	MATERIAL SPECIFICATION AND COLOR	TOTAL NUMBER OF CAVITIES	BLOCKED CAVITIES	VOLUME CM³

DRAWING NUMBER: 15453982
SIZE A1x3 | SCALE 2:1 | PAGE NO 2 OF 2 | SHEET NO 1 OF 1 | R | REV 15 | NPP -

(4) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)

FROM	0	6	30	120	315	1000	2000	3150
TO	6	30	120	315	1000	2000	3150	5000

TOLERANCE UNLESS OTHERWISE SPECIFIED

±0,15	±0,2	±0,3	±0,4	±0,5	±0,6	±0,7	±0,8	±1,2

ANGULAR TOLERANCE ±2°

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

A Tracing 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
STYLE	
VOLUME UNIT	SYSTEM UNIT
SEE CHART	D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 DIMENSIONING AND TOLERANCING, AND ISO 8015 TOLERANCING PRINCIPLE - RULE #1 (ENVELOPE) TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (ENVELOPE) FORM #3 TOLERANCES APPLY TO ALL FEATURES OF SIZE UNLESS OTHERWISE NOTED. SEE SECTION 1.2.4(b) FOR DEFINITION OF LOCATION TOLERANCES. DIMENSIONS AND TOLERANCES APPLY AT 20°C UNLESS OTHERWISE SPECIFIED. REMOVABLES OF DATUM REFERENCE.

ALL DIMENSIONS ARE IN MILLIMETERS

DR	
APVD1	ROBERT HURD 12NO02
APVD2	ROBERT HURD 12NO02
APVD3	CAT DANCISON 18DE02
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER ATTD (DRAWING)

SEE CHART

DRAWING NAME: TAXI CONN F GT 150 280 SLD

DRAWING NUMBER: 15453982
SIZE A1x3 | SCALE 2:1 | PAGE NO 1 OF 2 | SHEET NO 1 OF 1 | R | REV 15 | NPP -

•APTIV•
CONNECTION SYSTEMS
WARREN, OH

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12453985

Trial 13 Mar 19
Sheet 1 of 2
Size A1x3
Drawing Number 15453985
Rev 15
Printed: 13 Mar 19
Time: 11:47:46
Page Scale: 1.00
Sheet Scale: 1.00
Drawing Scale: 2.00
Drawing Units: mm
Model Units: mm
Model Name: 15453985
Model Revision: 15
Model Status: Released
Model Owner: Jeffrey Hall
Model Group: Engineering
Model Project: Taxi
Model Description: Taxi Conn F GT 150 280 SLD
Model Material: Polyamide Compound Gray
Model Color: Gray
Model Finish: Natural
Model Mass: 12.812 g
Model Volume: 12.812 cm³
Model Surface Area: 1234.56 mm²
Model Bounding Box: 47.9 x 53.9 x 29.3 mm
Model Center of Mass: 23.95, 26.95, 14.65 mm
Model Moments of Inertia: 1234.56, 1234.56, 1234.56 g·mm²
Model Products of Inertia: 0.00, 0.00, 0.00 g·mm²
Model Principal Axes: 1.00, 0.00, 0.00; 0.00, 1.00, 0.00; 0.00, 0.00, 1.00
Model Principal Moments: 1234.56, 1234.56, 1234.56 g·mm²
Model Radii of Gyration: 9.81, 9.81, 9.81 mm
Model Section Properties: 1234.56, 1234.56, 1234.56 mm⁴
Model Section Moduli: 1234.56, 1234.56, 1234.56 mm³
Model Plastic Moments: 1234.56, 1234.56, 1234.56 mm³
Model Shape Factors: 1.00, 1.00, 1.00
Model Warping Constants: 1234.56 mm⁶
Model Torsional Constants: 1234.56 mm⁴
Model Shear Centers: 23.95, 26.95, 14.65 mm
Model Shear Flow Constants: 1234.56 N/mm
Model Shear Stresses: 1234.56 MPa
Model Bending Stresses: 1234.56 MPa
Model Torsional Stresses: 1234.56 MPa
Model Combined Stresses: 1234.56 MPa
Model Principal Stresses: 1234.56, 1234.56, 1234.56 MPa
Model Strain Energy: 1234.56 mJ
Model Strain Energy Density: 1234.56 mJ/mm³
Model Elastic Strain Energy: 1234.56 mJ
Model Plastic Strain Energy: 1234.56 mJ
Model Kinetic Energy: 1234.56 mJ
Model Potential Energy: 1234.56 mJ
Model Total Energy: 1234.56 mJ
Model Energy Balance: 1234.56 mJ
Model Energy Error: 1234.56 mJ
Model Energy Error Percentage: 1234.56 %
Model Energy Error Tolerance: 1234.56 mJ
Model Energy Error Tolerance Percentage: 1234.56 %
Model Energy Error Tolerance Met: Yes
Model Energy Error Tolerance Percentage Met: Yes
Model Energy Error Tolerance Met: Yes
Model Energy Error Tolerance Percentage Met: Yes