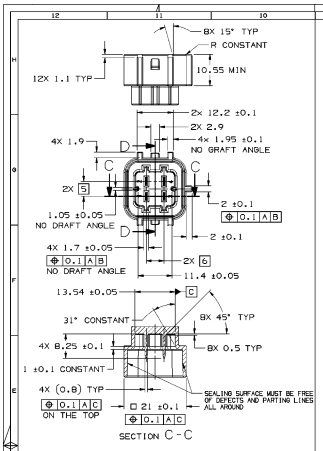
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL [ ] DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	7	NO MISSING SYMBOL NUMBER
	LAST NO. USED	5	

DWG STATUS DATE	STS	REV	N/P	CHG	ZONE	REVISION HISTORY	NOTN	DR	APVD 1	APVD 2
06OCT14	R	01	-	-	-	CREATED NEW DRAWING	426999	POT	JAM	LSC
04DEC14	R	02	-	-	-	REVISED CONN-33179229 & CPA-33179234	428365	POT	JAM	LSC
06MAY15	R	03	-	-	-	REVISED CONN-33179229 & CPA-33179234	429532	POT	JAM	LSC



NOTES:

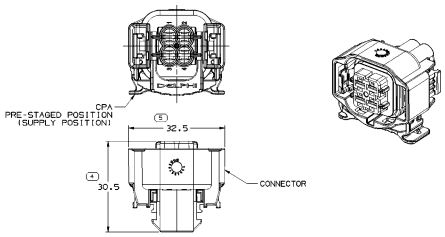
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

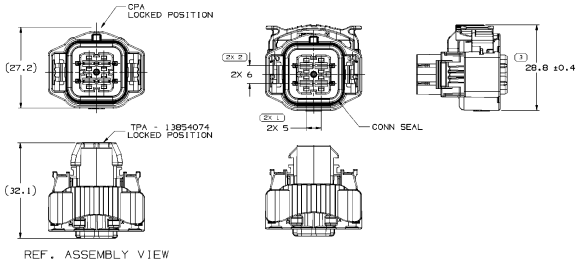
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATIVALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.4

2. OUTSIDE SURFACES NO DRAFT ANGLED
3. STANDARD TAB 2.8 X 0.8 (SEE ESD20062)

MATING CONNECTOR INFORMATION

INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY





REF. ASSEMBLY VIEW

NOTES:

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATIVALLY 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. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   TERMINAL POSITION ASSURANCE - 13854074
   TERMINAL ATS 280 SLD - (SEE CHART)
   CABLE SEAL : 15327860 FOR CABLE OD 1.2-2.0 mm BLUE
   15327863 FOR CABLE OD 2.0-2.7 mm RED/BROWN
   15327859 FOR CABLE OD 2.7-2.9 mm MAIZE

3. FOR APPLICATION DATA SEE THE APPLICATION DRAWING.

TERMINAL CAVITY INFORMATION		
TERM ATS 280	DIN CABLES	CAVITY PLUG
15344659	0.5 SQ	15337197
15344661	0.75-1.0 SQ	
15344660	1.5-2.5 SQ	

PART NO	MATERIAL AND COLOR	QTT	MATERIAL AND COLOR	QTT	MATERIAL AND COLOR	QTT
33179228	33179229	POLYESTER COMPOUND BLK	01	13854070	SILICONE RUBBER BLU	01	33179234	POLYESTER COMPOUND GRY	01
PART NO	CONNECTOR			CONN SEAL			CPA		

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS TO BE TOLERANCED UNLESS OTHERWISE SPECIFIED

DIMENSIONAL RANGE (MM)											COUNT
FROM	>0	>6	>30	>75	>100	>150	>200	>250	>300		
TO	6	30	75	100	150	200	250	300	400		
TOLERANCE UNLESS OTHERWISE SPECIFIED											
ANGULAR TOLERANCE ±0°	±0.5	±0.2	±0.1	±0.4	±0.2	±0.6	±1	±1.2			

FIRST ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

THIS DRAWING IS PROPRIETARY PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR DRAWING.

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

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³) | STEP SIZE

UNLESS OTHERWISE SPECIFIED

THIS ASSEMBLY IS IN ACCORDANCE WITH ASME Y14.5M-1994 GEOMETRIC DIMENSIONING AND TOLERANCING PRINCIPLES TOLERANCING METHODS-ISO+. REFRACTS PATTERNS OF EXISTING MAY BE MADE ALTERNATELY ACCORDING TO DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

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ID	DATE
APVD1 PAULO TUDESCHINI	06OCT14
APVD2 JOAO MORAES	06OCT14
APVD3 MARCELO SIQUEIRA	06OCT14
APVD4 LUCIANA CUSIN	06OCT14
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (DS-702):

SEE DRAWING

DRAWING TITLE: ASM CONN 4 F 2.8 ATS SLD

DRAWING NUMBER: 33179228

SIZE	SCALE	FRAME NO	SHEET NO	QTY	REV	SUP
A1	2:1	1 OF 1	1 OF 1	R	03	-