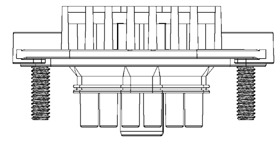
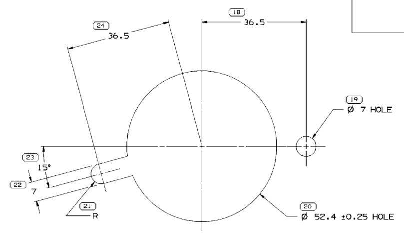
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	103
	LAST NO. USED	32

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
25MY04	R	01	-	-		CLEARED REV COLUMN AND REDRAWN TO PD; 12020991 & 12089077 - RESTRICTED; 15492531 & 15492584 - RELEASED	255769	JBD	JAA	MGR
18OC05	R	02	-			12089077 - OBSOLETE	273276	JTV	AUG	MGR
03NO05	R	03	-	-		12020991 - OBSOLETE	273752	CCV	JVM	MGR
23MY06	R	04	-	-		15492531 AND 15492584 - UPDATED PDM ATTRIBUTES	280589	JTZ	JAA	WTM
05DE06	R	05	-	-		15492584 & 15492531 - COLOR REMOVED FROM CHART	287527	RJD	RJD	TM
13JN12	R	06	-	-		15492531 & 15492584 - ADDED "TORQUE REQ'D" & "APPLICATION DATA" NOTES	416371	JGM	JVM	DAB

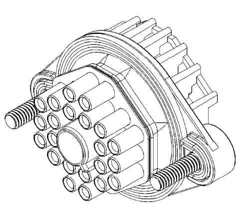


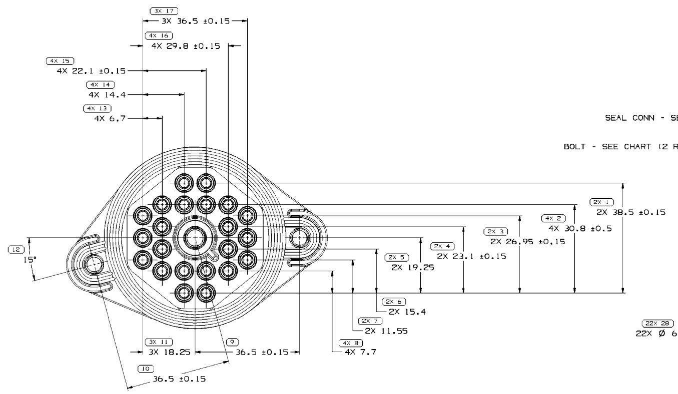


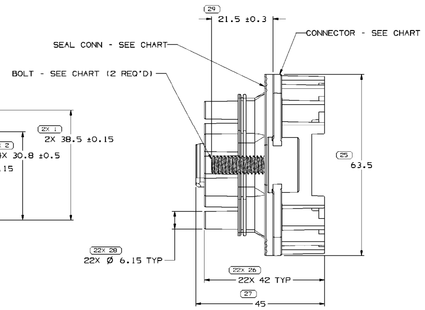
MOUNTING HOLE

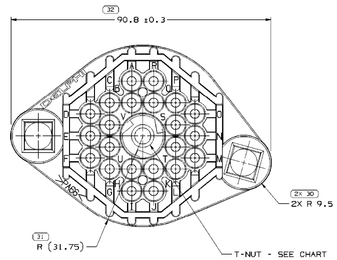
VIEW FROM ENGINE COMPARTMENT

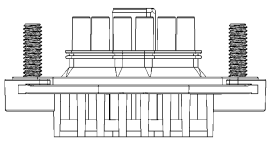
INSPECTION SYMBOLS SHOWN IN THIS VIEW ARE FOR REFERENCE ONLY











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. NUT MUST NOT ROTATE IN CONNECTOR BODY WHEN ASSEMBLED WITH MATING CONNECTOR USING A TORQUE OF 13.6 NEWTON-METERS.
3. MATING CONNECTOR ASSEMBLY - SEE CHART.
4. PUSH OUT OF BOLTS FROM CONNECTOR TO BE 53 NEWTONS MIN.
5. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT
6. THE T-NUT MUST WITHSTAND A MINIMUM PUSH OUT FORCE OF 980 NEWTONS (220 POUNDS).

1. 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.

7. T-NUT 15492503 MUST WITHSTAND A TORQUE OF 11.3 NM W/O SHEARING. IF FUTURE CONNECTOR ASSEMBLIES USING THIS COMPONENT REQUIRE AN ASSEMBLY TORQUE OF OVER 11.3 NM TESTING SHOULD BE PERFORMED TO VERIFY THE INTEGRITY OF CONNECTOR ASSEMBLY. A DESIGN CHANGE MAY BE REQUIRED TO MEET A TORQUE VALUE OF OVER 11.3 NM.

8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

PART NO	REV	N/P	CONN	BOLT	T-NUT	SEAL CONN	MATING CONNECTOR
15492584	01	AC	12089076	15492507	15492503	12010851	12077378
15492531	01	AC	12020985	15492507	15492503	12010851	12020005
12089077	A2	-	12089076	08917392	06288940	12010851	12077378
12020991	A2	-	12020985	08917392	06288940	12010851	12020005

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)									CHART E1
FROM / TO	> 0 / 20	> 20 / 30	> 30 / 70	> 70 / 100	>100 / 150	>150 / 200	>200 / 250	>250 / 300	>300 / 400
TOLERANCE UNLESS OTHERWISE SPECIFIED									
	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2
ANGULAR TOLERANCE ±2°									

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 DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³) | DISTR CODE: D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD

NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

WARREN, OH

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		DATE
DR		
APVD1	J. HOUGELMAN	09SE88
APVD2	F. HESTON	13SE88
APVD3	R. G. C.	15SE88
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE DWG

DRAWING NAME: TAXI ASM CONN F W/P TWR SLD

DRAWING NUMBER: 12089253

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	06	-