

12 11 10 9 8 7 6 5 4 3 2 1

SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL  
DOES NOT REQUIRE INSPECTION. IT MAY BE  
CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

MISSING SYMBOLS

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD
DATE	STG	REV	N/P	CHG					
25MY04	R	O1	-	-		RELEASED	255795	JTV	FKV
26AP05	R	O1	AA	-		REMOVED LABEL FOR ASSEMBLY PART NUMBER CALLOUT	266520	JTV	FKV

1 TOTAL NO OF INSPECTIONS REQUIRED 39  
LAST NO. USED 13

12040924 CONN (BLACK)

(8) (2)X(0.1) RAISED LETTERS AS SHOWN, MAY BE LOCATED ON ANY EXTERIOR SURFACE VISIBLE AT FINAL ASSEMBLY.

15492535 RETAINER

15492534 #10-24 BOLT

12X 2

12X 4 ±0.1

3X 3

3X 4

3X 16 ±0.3

3X 5

3X 8 ±0.1

6X 6

6X 4.5 ±0.1

6X 7

6X 9 ±0.1

36.6 +0.2 -0.4

(12)

(9) (44.4)

10

8.5 ±0.3

11

26.1 ±0.2

13

25.4 ±0.3

12040936 CABLE SEAL 2 REQ'D

2X THIS SURFACE OF SEAL MUST NOT BE OUTSIDE OF SHROUD

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. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT: CAVITIES TO ACCEPT 12047680 TERMINAL OR EQUIVALENT.
3. REFERENCE MATING COMPONENTS OR EQUIVALENT: CONNECTOR 1204927
4. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
5. BOLT TO BE RETAINED TO A MINIMUM 400 N FORCE.
6. CONNECTOR TO BE ASSEMBLED TO MATING CONNECTOR WITH A TORQUE OF 0.8 N-M TO 1.5 N-M.
7. BOLT MUST ROTATE IN CONNECTOR AT A TORQUE OF LESS THAN 0.6 N-M (5.3 INCH-POUNDS) AFTER RETAINER IS ASSEMBLED.
8. 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

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS  
WARREN, OH

DATE

DR

APVD1 JOSE LUIS TAPIA 18AU04

APVD2 FRANCISCO KOPCA 18AU04

APVD3 MATTHEW ROUSSEL 18AU04

APVD4

APVD5

SUBSTANCES OF CONCERN AND RECYCLED  
CONTENT PER DELPHI 10949001

MATERIAL  
SEE DRAWING

DRAWING NAME  
ASM CONN 18 F M/P 150 NAT SLD

DRAWING NUMBER  
15492547

DWG TYPE PART DRAWING

STYLE

VOLUME (CM<sup>3</sup>) 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 AGREEMENT 2001. SEPARATE PATTERNS OF  
FEATURES MAY BE GAUGED SEPARATELY REGARDLESS OF DATUM  
REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

N/A PROCESS SENSITIVE DIMENSION

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

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD UNIGRAPHICS

SIZE SCALE FRAME NO SHEET NO STG REV N/P

A1 2:1 1 OF 1 1 OF 1 R O1 AA

12 11 10 9 8 7 6 5 4 3 2 1

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