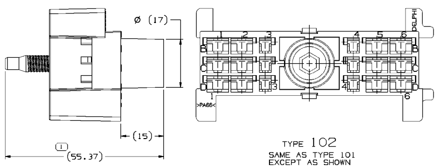
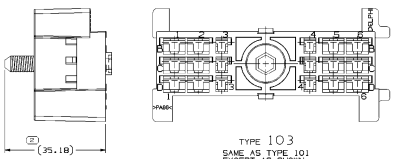


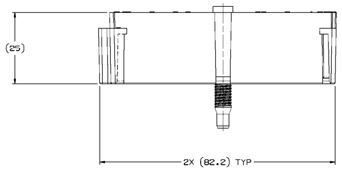

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN

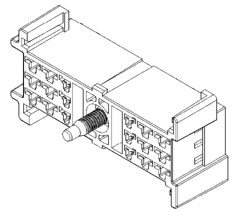


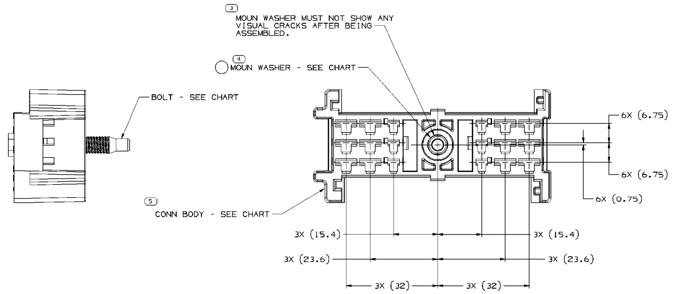

TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

| 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 | 7 | |

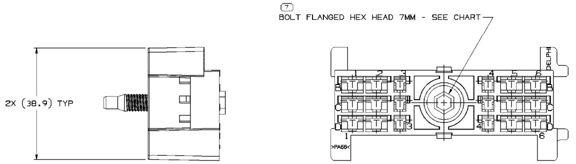
| DATE | STG | REV | N/P | CHG | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 02JL02 | R | 01 | - | - | | DIM (40.4) WAS 40.4 ±0.8,DIM (55.37) WAS 55.37 ±0.93, DIM (35.18) WAS 35.18 ±0.84 & ADDED NOTE 5 | 225949 | HH | EOV | JH |
| 14JN04 | R | 02 | - | - | | 12047839 - OBSOLETE<br>12047839 & 12065805 - ADDED NOTE 6 | 253207 | MDH | JAA | SAN |
| 25MY04 | R | 03 | - | - | | 12084183 & 12162504 - RESTRICTED;<br>15492581 & 15492623 - RELEASED | 255888 | ESH | JAA | MGR |
| 04NO04 | R | 04 | - | - | | ALL ACTIVE PARTS-2X 78.3 +0.4/-0.3 WAS 2X 78.3 ±0.3; 3X 32 +0.3/-0.15 WAS 3X 32 ±0.15 (2PLC) | 260982 | ADK | ADK | TM |
| 17OC05 | R | 05 | - | - | | 12162504 - OBSOLETE | 273358 | CCV | FRG | MGR |
| 24OC05 | R | 06 | - | - | | 12084183 - OBSOLETE | 273824 | JTZ | JAA | MGR |
| 15JN06 | R | 07 | - | - | | 15492623 - OBSOLETE;<br>15492581 - RESTRICTED | 281591 | EES | EES | TM |
| 30JN06 | R | 08 | - | - | | 15492623 - RESTRICTED | 282209 | EES | EES | TM |
| 24JL07 | R | 09 | - | - | | 15492581 AND 15492623 RELOCATED "RESTRICTED" FROM STATUS TO RESTRICTED USAGE COLUMN AND ADDED RESTRICTED NOTE | 401946 | SGM | SGM | TM |
| 08NO07 | R | 10 | - | - | | ADDED BOLT LABEL & CREATED APPLICATION DRAWINGS | 402746 | RJD | RJD | WTM |
| 09SE09 | R | 11 | - | - | | ALL ACTIVE PARTS - SEE NOTE 6 WAS SEE NOTE 8 ON RESTRICTED USAGE COLUMN | 408891 | FRE | EFJ | RHG |
| 20AP15 | R | 12 | - | - | | 15492581 & 15492623 - UPDATED MOUN WASHER | 429342 | JVR | JVM | JGR |

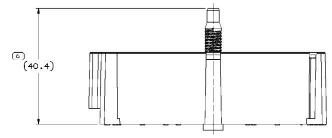





TYPE 101




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 HAS BEEN DESIGNATED AS AN "APPEARANCE ITEM" AND REQUIRES AN "APPEARANCE APPROVAL REPORT" FOR PPAP.
3. SEALING CODE 0 - UNSEALED.
4. RETAINER MUST WITHSTAND A MINIMUM FORCE OF 1045 N (235 LBS) APPLIED AXIALLY TO THE THREADED END OF THE BOLT.
5. OBSOLETE PART CONTAINS A HEXAVALENT CHROME COATING. DO NOT USE THIS PART ON NEW APPLICATIONS. HEXAVALENT CHROME IS A BANNED SUBSTANCE. IF THIS PART IS REQUIRED FOR CURRENT OR FUTURE BUSINESS OR FOR SERVICE REQUIREMENTS, CONTACT THE PRODUCT LINE ENGINEER OR MATERIALS ENGINEERING TO GET A NEW PART THAT IS FREE FROM HEXAVALENT CHROME. EXISTING INVENTORY OF THIS PART MAY BE USED UNTIL JULY 1, 2007 FOR SERVICE REQUIREMENTS.
6. FOR NEW VEHICLE PROGRAMS, PLEASE CONSIDER USING GT INLINE CONNECTION SYSTEM REFERENCE 15417597 OR EQUIVALENT.
7. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

| PART NO | REV | N/P | TYPE | BOLT | MOUN WASHER | CONNECTOR | REPLACED BY | RESTRICTED USAGE |
|---|---|---|---|---|---|---|---|---|
| 15492623 | 01 | AG | 102 | 15492582 | 15492512 | 12162503 | - | RESTRICTED - SEE NOTE 6 |
| 15492581 | 01 | AF | 101 | 15492582 | 15492512 | 12047837 | - | RESTRICTED - SEE NOTE 6 |
| 12162504 | A5 | - | 102 | 12084300 | 12004737 | 12162503 | - | - |
| 12084183 | A6 | - | 101 | 12084300 | 12004737 | 12047837 | - | - |
| 12065805 | A1 | - | 101 | 12065794 | 12004737 | 12047837 | 12084183 | - |
| 12047839 | C4 | - | 103 | 12047743 | 12004737 | 12047837 | - | - |

| DIMENSIONAL RANGE (MM) | | | | | | | | | CHART E |
|---|---|---|---|---|---|---|---|---|---|
| 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° | | | | | | | | | |

(N/A) PROCESS SENSITIVE DIMENSION

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

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 - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1(PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.

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. BENITZ | 14JL88 |
| APVD2 | H. HOKE | 04AU88 |
| APVD3 | P. REEDY | 05AU88 |
| APVD4 | | |
| APVD5 | | |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN F M/P 280 630

DRAWING NUMBER: 12085022

| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 2:1 | 1 OF 1 | 1 OF 1 | R | 12 | - |