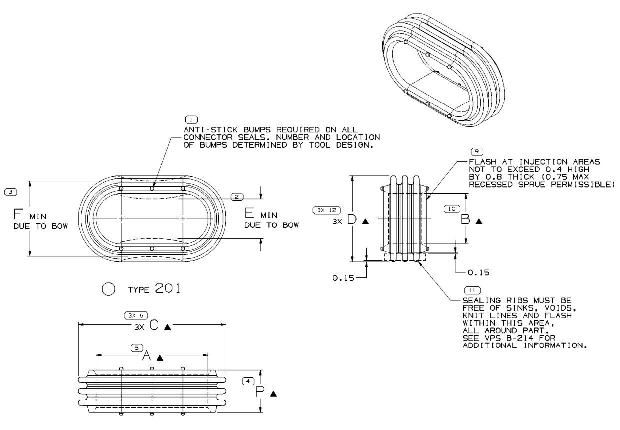
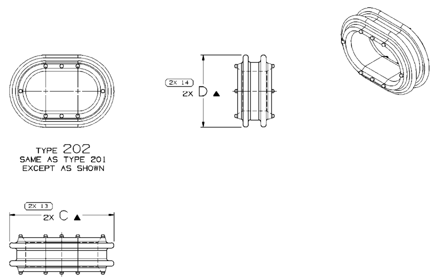
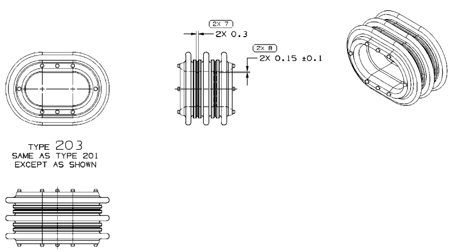
| SYMBOL DEFINITION | | |
|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 22 |
| | LAST NO. USED | 14 |

| MISSING SYMBOLS |
|---|
| NO MISSING SYMBOL NUMBER |

| DATE | STG | REV | N/P | CHG | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 28OC99 | R | 01 | - | - | | ALL PARTS - REDRAWN TO PD & 12129925 - MAT'L SPEC REVISED | 196890 | JGR | CMP | RH |
| 21FE00 | R | 02 | - | - | | 15324919 - RELEASED | 000005 | JGR | RCH | RH |
| 23MY00 | R | 03 | - | - | | 15393182 - RELEASED | 000005 | MAC | MAC | MC |
| 04NO02 | R | 04 | - | - | | ALL PARTS - REVISED MAT'L SPEC | 229962 | ARA | GEG | JR |
| 18MR03 | R | 05 | - | - | | 12186823 - OBSOLETE | 238033 | EOV | EOV | JR |
| 15MR04 | R | 06 | - | - | | 12040756, 12040945, 12047949, 12052842, 12059184, 12066601, 12103067-ADDED ALTERNATE MAT'L SPEC, REVISED CHART DIMS, REVISED PER NIN EWO BGLTS | 251647 | ADK | ADK | MR |
| 05MY04 | R | 07 | - | - | | 15488729 - RELEASED | 254451 | ADK | ADK | RAP |
| 18JN04 | R | 08 | - | - | | ADDED PART 15497759 - RELEASED; ADDED DIMS 'A' & 'B' FROM TOD; REMOVED SECTION VIEWS A-A, B-B, C-C & D-D; MOVED DIM 'J' TO TOD ONLY; ADDED ALTERNATE MAT'L SPEC TO CHART | 256197 | RH | RH | MR |
| 10AU04 | R | 09 | - | - | | 12040750 - REVISED PER NIN EWO BGLTS | 257890 | LMB | LMB | MR |
| 02SE04 | R | 10 | - | - | | 15488729 - 11.2 WAS 11.8 | 258452 | ADK | ADK | RAP |
| 12OC04 | R | 11 | - | - | | 12040750 - CANCELLED REV 03 | 259646 | CTR | JVM | MPR |
| 02FE05 | R | 12 | - | - | | ALL PARTS - REVISED COLOR COLUMN TO BE REFERENCE | 263887 | END | ADK | MPR |
| 20OC05 | R | 13 | - | - | | 13511248 AND 15355369 WERE SEPARATE DRAWINGS; ALL ACTIVE PARTS - REMOVED OPTIONAL CONSTRUCTION VIEW; REVISED CHART AND NOTES | 273786 | RH | RH | MPR |
| 15NO06 | R | 14 | - | - | | ALL ACTIVE PARTS - ADDED "ANTI-STICK BUMPS" NOTE AND REVISED "SEALING RIBS" NOTE, MATERIAL SPEC CALLOUTS & INSPECTION SYMBOL NUMBERS | 285913 | MVS | BKD | MPR |
| 04DE06 | R | 15 | - | - | | 12059184 - DIM "C" WAS 20.44±0.15 | 287477 | MVS | BKD | MPR |
| 10NO08 | R | 16 | - | - | | 12124684 - MAT'L SPEC WAS M2261004 AND ADDED ALTERNATE MAT'L SPEC | 406734 | MM | MM | MPR |
| 13AP09 | R | 17 | - | - | | ALL ACTIVE PARTS - REVISED MATERIAL CALLOUT TO GENERIC CALLOUT AND REMOVED ALTERNATE MATERIAL SPEC COLUMN FROM CHART; 15497759 - ADDED SPECIAL NOTE FOR POST BAKED | 407796 | JTZ | FKV | MPR |
| 28SE09 | R | 18 | - | - | | ALL ACTIVE PARTS - ADDED VOLUME COLUMN ON CHART | 409016 | MEA | GLG | DGL |
| 17DE09 | R | 19 | - | - | | 15324919 - OBSOLETE | 409684 | HRS | MPR | MPR |
| 26AU10 | R | 20 | - | - | | ALL ACTIVE PARTS TYPE 201 - CORRECTED TO TYPE 201 INSTEAD OF TYPE 102 | 411779 | AHY | JVM | HAD |




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. PARTS ARE TO BE PACKAGED IN SEALED PLASTIC BAGS. GROSS WEIGHT INCLUDING CARTON IS NOT TO EXCEED 34 POUNDS.
3. THIS PART IS CONTROLLED FOR AUTOMATIC FEEDING AS DENOTED ON DRAWING WITH ▲.
4. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   SEE CHART

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 DPNP-4.7-CS-01.
6. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.

SPECIAL NOTES

1. PARTS ARE TO BE PACKAGED 1200 PER SEALED PLASTIC BAGS. GROSS WEIGHT INCLUDING CARTON IS NOT TO EXCEED 34 LBS. (THIS NOTE APPLIES TO P/N 12160724 & 15305078 ONLY)
2. FOR P/N 12047908 PART MUST BE WASHED AND DRIED AFTER MOLDING.
3. THIS PART IS TOOLED OR USED AT REINSHAGEN. PHYSICAL CHANGES TO THIS PART MUST BE APPROVED BY REINSHAGEN COMPONENT ENGINEERING.
4. THIS PART IS NOT TO STANDARD AND SHOULD NOT BE USED ON NEW DESIGNS.
5. MATERIAL IS FLUOROSILICONE. PARTS MUST BE POST CURED FOR 4 HOURS AT 400 °F.
6. THIS PART MEETS ALL SEALING REQUIREMENTS OF SAE/USCAR-2, INCLUDING HIGH TEMP AND IMMERSION
7. FOR P/N 15497759 ONLY:
   PART TO BE POST BAKED FOR 4 HOURS AT 400 °F.

| PART NO | REV | N/P | STATUS | RESTRICTED USAGE | MATERIAL SPECIFICATION AND COLOR | TYPE | A▲ | B▲ | C▲ | D▲ | P▲ | E | F | SPECIAL NOTES | REPLACED BY | TYPICAL MATING CONNECTOR (REF) | VOLUME (CM³) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15497759 | 01 | AF | - | RESTRICTED | SILICONE METHYL/VINYL OCHER | 201 | 15.14 | 6.72 | 20.44±0.15 | 12.02 | 7.25 | - | - | #7 | - | 12059180 | 0.516 |
| 15488729 | 01 | AH | - | - | SILICONE METHYL/VINYL BLUE | 201 | 11.2 | 6 | 16.5±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12052635 | 0.425 |
| 15393182 | 01 | AG | - | - | FLUOROSILICONE METHYL/V GREEN | 201 | 22.1±0.15 | 6 | 27.4±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12047947 | 0.442 |
| 15355369 | 01 | AD | - | - | SILICONE METHYL/VINYL BLUE | 203 | 12.35 | 4.9 | 17.65 | 10.2 | 7.25 | - | - | #6 | - | 15326554 | 0.454 |
| 15324919 | 01 | AG | OBSOLETE | - | SILICONE METHYL/VINYL PURPLE | 201 | 15.5 | 4.9 | 20.8±0.3 | 10.2 | 7.25 | 4.2 | 9.5 | - | - | 12040755 | 0.513 |
| 15305078 | A8 | - | - | - | SILICONE METHYL/VINYL PINK | 201 | 24.8±0.15 | 7.99 | 29.1±0.15 | 12.29 | 4.8 | - | - | #1 | - | NONE | 0.450 |
| 13511248 | 01 | AD | - | - | SILICONE METHYL/VINYL WHITE | 203 | 9.2 | 4.9 | 14.5 | 10.2 | 7.25 | - | - | #6 | - | 15449024 | 0.379 |
| 12186974 | A8 | - | - | - | SILICONE METHYL/VINYL WHITE | 201 | 16.9 | 6 | 22.2±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12052841 | 0.553 |
| 12186824 | A8 | - | - | - | SILICONE METHYL/VINYL WHITE | 201 | 12.35 | 4.9 | 17.65 | 10.2 | 7.25 | - | - | - | - | 12047906 | 0.423 |
| 12186823 | A3 | - | OBSOLETE | - | SILICONE METHYL/VINYL PINK | 201 | 15.5 | 4.9 | 20.8±0.3 | 10.2 | 7.25 | 4.2 | 9.5 | - | - | 12040755 | - |
| 12186822 | A8 | - | - | - | SILICONE METHYL/VINYL WHITE | 201 | 21.9±0.15 | 4.9 | 27.2±0.3 | 10.2 | 7.25 | - | - | - | - | 12059220 | 0.667 |
| 12160724 | A11 | - | - | - | SILICONE METHYL/VINYL YELLOW | 201 | 24.9±0.15 | 8.07 | 29.76±0.15 | 12.93 | 4.8 | - | - | #1 & #4 | - | NONE | 0.546 |
| 12129925 | B14 | - | - | - | FLUOROSILICONE METHYL/V ORANGE | 201 | 11 | 5.9±0.3 | 16.3±0.3 | 11.2±0.3 | 7.1 | - | - | #5 | - | 12052635 | 0.397 |
| 12124684 | B10 | - | - | - | SILICONE METHYL/VINYL RED | 201 | 29.33±0.15 | 9.97 | 34.63±0.15 | 15.27 | 7.25 | - | - | - | - | 12045697 | 0.886 |
| 12124527 | A11 | - | - | - | SILICONE METHYL/VINYL GREEN | 201 | 18.95 | 10.1 | 24.25±0.15 | 15.4 | 7.25 | - | - | - | - | 12110636 | 0.646 |
| 12110555 | A12 | - | - | - | EPICHLOROHYDRIN BLACK | 201 | 12.35 | 4.9 | 17.65 | 10.2 | 7.25 | - | - | - | - | 12047910 | 0.423 |
| 12110212 | B11 | - | - | - | FLUOROCARBON BLUE | 201 | 11.8 | 5 | 16 | 9.2 | 4.8 | - | - | - | - | 12066602 | 0.242 |
| 12103067 | 02 | AG | - | - | SILICONE METHYL/VINYL GRAY | 201 | 11.2 | 6 | 16.5±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12052635 | 0.425 |
| 12092580 | A15 | - | - | - | FLUOROSILICONE METHYL/V ORANGE | 202 | $10.1^{+0.15}_{-0.2}$ | $5.6^{+0.15}_{-0.20}$ | 14.6±0.3 | 10.1±0.3 | $4.75^{+0.15}_{-0.3}$ | - | - | #5 | - | 12092581 | 0.220 |
| 12066601 | 04 | AG | - | - | SILICONE METHYL/VINYL BLUE | 201 | 12.2 | 5.1 | 16.5±0.3 | 9.4 | 4.8 | - | - | - | - | 12066602 | 0.252 |
| 12065812 | A14 | - | - | - | SILICONE METHYL/VINYL GRAY | 201 | 9.25 | 5 | 13.55 | 9.3 | 4.8 | - | - | - | - | 12052887 | 0.210 |
| 12065297 | C12 | - | - | - | SILICONE METHYL/VINYL GREEN | 201 | 15.7 | 11.8 | 21.5±0.3 | 17.6±0.3 | 7.25 | - | - | - | - | 12048076 | 0.694 |
| 12059672 | B14 | - | - | - | SILICONE METHYL/VINYL GRAY | 201 | 27±0.15 | 5.95 | 32.3±0.15 | 11.25 | 7.25 | - | - | - | - | 12059494 | 0.779 |
| 12059226 | B14 | - | - | - | SILICONE METHYL/VINYL BLUE | 201 | 21.9±0.15 | 4.9 | 27.2±0.30 | 10.2 | 7.25 | - | - | - | - | 12059220 | 0.667 |
| 12059184 | 03 | AH | - | - | SILICONE METHYL/VINYL TAN | 201 | 15.14 | 6.72 | 20.44±0.3 | 12.02 | 7.25 | - | - | - | - | 12059180 | 0.516 |
| 12052888 | B13 | - | - | - | EPICHLOROHYDRIN BROWN | 202 | 10.1 | 5.6 | 14.6±0.3 | 10.1±0.3 | 4.75 | - | - | #3 | - | 12052887 | 0.221 |
| 12052842 | 03 | AG | - | - | SILICONE METHYL/VINYL VIOLET | 201 | 16.9 | 6 | 22.2±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12052841 | 0.553 |
| 12052633 | C | - | OBSOLETE | - | SILICONE METHYL/VINYL BLUE | 201 | 11.2 | 6 | 16.5±0.3 | 11.3±0.3 | 7.25 | - | - | - | 12103067 | 12052635 | - |
| 12052022 | B12 | - | - | - | SILICONE METHYL/VINYL ORANGE | 201 | 16.7 | 8.6 | 22±0.3 | 13.9±0.3 | 7.25 | - | - | - | - | 12048356 | 0.574 |
| 12048416 | B15 | - | - | - | SILICONE METHYL/VINYL GREEN | 201 | 38.8±0.15 | 8.92 | 44.1±0.15 | 14.22 | 7.25 | - | - | - | - | 12048414 | 1.092 |
| 12048077 | B | - | OBSOLETE | - | SILICONE METHYL/VINYL DARK RED | 201 | 15.7 | 11.8 | 21.5±0.3 | 17.6±0.3 | 7.25 | - | - | - | 12065297 | 12048076 | - |
| 12047949 | 04 | AG | - | - | SILICONE METHYL/VINYL TAN | 201 | 22.1±0.15 | 6 | 27.4±0.3 | 11.3±0.3 | 7.25 | - | - | - | - | 12047947 | 0.669 |
| 12047908 | A16 | - | - | - | SILICONE METHYL/VINYL GREEN | 201 | 12.35 | 4.9 | 17.65 | 10.2 | 7.25 | - | - | #2 | - | 12047906 | 0.430 |
| 12045698 | A | - | OBSOLETE | - | SILICONE METHYL/VINYL GREEN | 201 | 31±0.15 | 10.9 | 36.3 | 16.2 | 7.25 | - | - | - | 12124684 | 12045697 | - |
| 12041399 | A14 | - | - | - | SILICONE METHYL/VINYL GREEN | 202 | 9.2 | 4.9 | 14.5±0.3 | 10.2±0.3 | 4.75 | - | - | - | - | 12041400 | 0.226 |
| 12040945 | 02 | AG | - | - | SILICONE METHYL/VINYL GREEN | 201 | 18.7 | 4.9 | 24±0.3 | 10.2 | 7.25 | 4.4 | 9.5 | - | - | 12040944 | 0.575 |
| 12040756 | 03 | AG | - | - | SILICONE METHYL/VINYL BLUE | 201 | 15.5 | 4.9 | 20.8±0.3 | 10.2 | 7.25 | 4.2 | 9.5 | - | - | 12040755 | 0.513 |
| 12040750 | B16 | - | - | - | SILICONE METHYL/VINYL BLUE | 201 | 9.2 | 4.9 | 14.5±0.3 | 10.2 | 7.25 | 4.2 | 9.7 | - | - | 12040752 | 0.366 |
| 12020818 | G8 | - | - | - | SILICONE METHYL/VINYL ORANGE | 201 | 15.65 | 7.05 | 20.65±0.15 | 12.05 | 6±0.3 | 6.5 | - | - | - | 12020808 | 0.442 |

⬭4 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°

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³): SEE CHART | 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 BASED 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

| | | DATE |
|---|---|---|
| DR | | |
| APVD1 | P. YABUR | 02JN94 |
| APVD2 | D. BRANTINGHAM | 06JN94 |
| APVD3 | K.D. MURPHY | 27JN94 |
| APVD4 | | |
| APVD5 | | |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI SEAL CONN

DRAWING NUMBER: 12077524

| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 5:1 | 1 OF 1 | 2 OF | R | 20 | - |