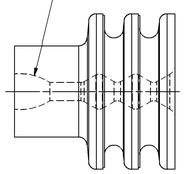
| SYMBOL DEFINITION | | |
|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (5) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 5 |
| | LAST NO. USED | 7 |

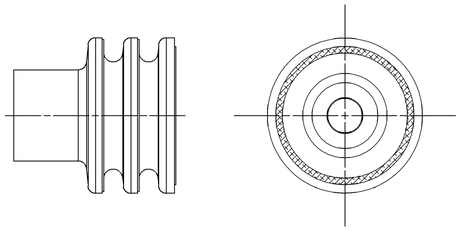
MISSING SYMBOLS

4-5

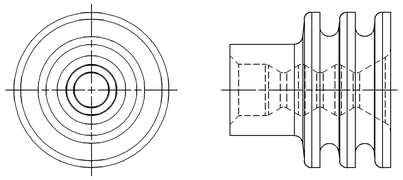
| DWG STATUS DATE | STS | REV | N/P | CHG | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 15OC99 | R | 001 | - | - | | CLEARED REV COLUMN & 12146012 - OBSOLETE | 990003 | JHN | JVM | LRT |
| 27JA00 | R | 002 | - | - | | 15324980 - B5 - RELEASED | 000005 | JLZ | GMC | RH |
| 07NO00 | R | 003 | - | - | | 15324980-B5 - REVISED | 202978 | JLZ | EAR | JR |
| 10MR04 | R | 04 | - | - | | 12010293, 12015193, 12015323, 12041351 & 12089679 REVISED PER NIN EWO 88LTS; ALL PARTS - UPDATED MATERIAL SPECS | 251237 | RH | RH | MR |
| 21JN04 | R | 05 | - | - | | ADDED "ALTERNATE MATERIAL SPECIFICATION" TO CHART. ADDED PART NUMBERS 15497745-15497746, 15497754-15497755, AND 15497756-15497757. | 256100 | LLJ | LLJ | MR |
| 09MR05 | R | 06 | - | - | | 12010293,12015193,12015284,12015323, 12015359-60,12015899,12034365, 12041351-52,12089444,12089679, 15497745-46 AND 15497754-57 - RESTRICTED; 15324980-B5 - MAT'L SPEC WAS M3466; ALL ACTIVE PARTS - REVISED NOTES AND REMOVED ØC DIM FOR TYPE 102 | 265538 | JBD | JAA | MR |
| 01FE06 | R | 07 | - | - | | UPDATED PDM ATTRIBUTES | 276580 | TS | TS | EJH |
| 22FE06 | R | 08 | - | - | | 15324980-B5 - MAT'L SPEC WAS M3469 | 276914 | JBD | JVM | MPR |
| 03AU06 | R | 09 | - | - | | ALL ACTIVE PARTS - UPDATED MAT'L SPEC; ADDED ALTERNATE MAT'L SPEC, OPTIONAL CONSTRUCTION "3" & "2" VIEWS, SEALING RIBS VIEWS, OVERALL LENGTH NOTE & SEALING SURFACE NOTE AND DIMS (2PLCS); REMOVED OPTIONAL CONSTRUCTION VIEWS AND REVISED TOLERANCE DIM G | 283299 | JBD | FRG | MPR |
| 03OC06 | R | 10 | - | - | | ALL ACTIVE PARTS - REMOVED INSPECTION SYMBOLS NUMBER 4 & 5; REVISED PROCESS SENSITIVE DIM AND SEALING RIBS LABEL. | 284959 | JBD | FRG | MPR |
| 08JA07 | R | 11 | - | - | | 15363991, 15363980, 15338470 & 10717459 - ADDED PART NUMBERS AS MYLAR ASSEMBLIES | 400035 | JTV | FRG | MPR |
| 20FE09 | R | 12 | - | - | | 13735522 - RELEASED | 407387 | JBD | AUG | MPR |
| 17MR09 | R | 13 | - | - | | 15324982 - ADDED OPTIONAL CONSTRUCTION 4; 15324980 - B1, 15324983 AND 15324985 - UPDATED PDM ATTRIBUTES | 407510 | JTZ | FKV | MPR |
| 24JL09 | R | 14 | - | - | | 12010293, 12015193, 12015323, 12015899, 12041351 & 12089679 - UPDATED PDM ATTRIBUTES | 408462 | ECB | AUG | MPR |
| 24AU09 | R | 15 | - | - | | 15497756 - UPDATED PDM ATTRIBUTES | 408722 | JTZ | FKV | PGD |
| 13NO09 | R | 16 | - | - | | 15497756 - UPDATED MAT'L SPEC. | 409474 | AUG | AUG | DJS |
| 15JN10 | R | 17 | - | - | | 10717640, 12015284, 12015359-60, 12034365, 12041352, 12089444, 12146012, 15338470, 15363980,91, 15497746,55 & 57 - MOVED TO SHT 6; 12010293, 12015193, 12015323, 12041351 & 12089679 - OBSOLETE AND ADDED "REPLACED BY" COLUMN ON CHART | 411067 | AGM | JAA | MPR |
| 16JN11 | R | 18 | - | - | | ALL ACTIVE PARTS - UPDATED PDM ATTRIBUTES | 414587 | GLG | GLG | ACM |
| 29NO13 | R | 19 | - | - | | 33140215 - RELEASED | 424733 | APB | EGH | EGH |
| 07MY14 | R | 20 | - | - | | 33140215 - CABLE OD WAS 2.73-2.05 | 426493 | EGH | EGH | EGH |

OPTIONAL CONSTRUCTION 1
TYPE 103 ONLY

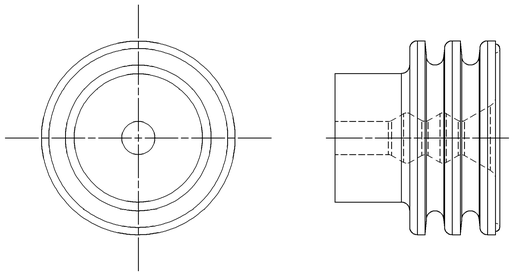




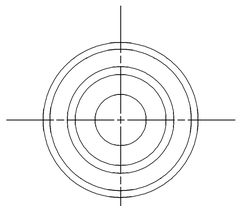
OPTIONAL CONSTRUCTION 2
(ANTI-STICK RING)



OPTIONAL CONSTRUCTION 4
TYPE 101 (15324982) ONLY



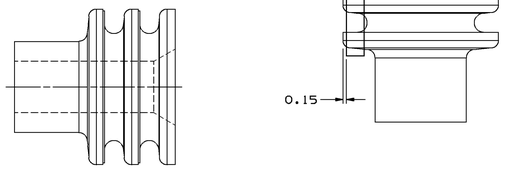
OPTIONAL CONSTRUCTION 3
THIS IS THE PREFERRED CONSTRUCTION FOR NEW TOOL BUILDS
(ANTI-STICK RING)

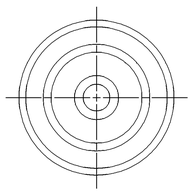


TYPE 102
SAME AS TYPE 101
EXCEPT FOR INTERNAL SEALING FEATURES

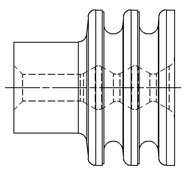
(6) SEALING RIBS MUST BE FREE OF SINKS, VOIDS, KNIT LINES AND FLASH, IN THE AREA SHOWN ALL AROUND PART.

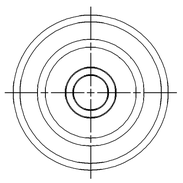
SEE VPS A-121 FOR ADDITIONAL INFORMATION



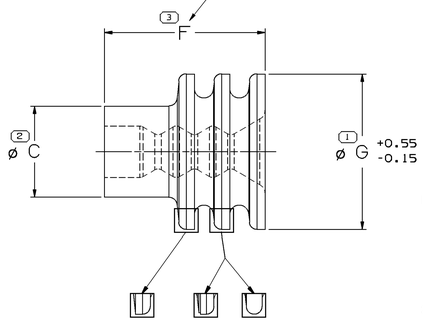
TYPE 103
SAME AS TYPE 101
EXCEPT FOR INTERNAL SEALING FEATURES



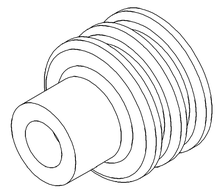


TYPE 101

(7) OVERALL LENGTH WILL INCREASE BY 0.2 MM (NOMINAL) IF OPTIONAL CONSTRUCTION 3 IS USED




SEALING RIBS MAY DIFFER AS SHOWN



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. TO IMPROVE SEAL PROCESSING ON SLIPPERY OR SMOOTH CABLE INSULATION, THE APPLICATION ENGINEER MAY SPECIFY THE NEXT SMALLER SEAL SIZE P/N IN PLACE OF THE INDICATED SEAL FOR THE "CABLE O.D." LISTED IN THE CHART.

4. FOR P/N'S 12041351 AND 15324984 ONLY. THESE SEALS RECOMMENDED FOR USE ON 1 $MM^2$ THIN WALL CABLE 0.8 $MM^2$ REGULAR WALL ETFE CABLE.

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. SEE 12010295 SHEET 6 FOR MYLAR ASSEMBLY INFORMATION.

| PART NO | REV | N/P | MATERIAL SPECIFICATION AND COLOR | TYPE | CABLE O.D. ±0.05 SEE NOTE #3 | C | F | G | CAVITY ID | EQUIVALENT CABLE SEAL | VOLUME | REPLACED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CABLE SEAL | | | | | | | | | | | | |
| 33140215 | 02 | - | FLUOROSILICONE METHYL/VINYL ORANGE | 102 | 3.49-2.81 | 4.25 | 7.5 | 7.25 | 6.7 | - | 0.142 | - |
| 13735522 | 01 | AA | SILICONE METHYL/VINYL GREEN | 102 | 3.49-2.81 | 4.25 | 7.5 | 7.25 | 6.7 | - | 0.142 | - |
| 15497756 | 01 | AF | SILICONE METHYL/VINYL VIOLET | 103 | 2.15-1.6 | 4.25 | 7.5 | 7.25 | 6.7 | ~~12089679~~ | 0.164 | - |
| 15497754 | 01 | AD | SILICONE METHYL/VINYL GRAY LT | 102 | 3.49-2.81 | 4.25 | 7.7 | 7.25 | 6.7 | ~~12010293~~ | 0.142 | - |
| 15497745 | 01 | AD | SILICONE METHYL/VINYL GREEN | 101 | 2.85-2.03 | 4.25 | 7.5 | 7.25 | 6.7 | ~~12015323~~ | 0.150 | - |
| 15324985 | 01 | AK | SILICONE METHYL/VINYL VIOLET | 103 | 2.15-1.6 | 4.25 | 7.5 | 7.25 | 6.7 | ~~12089679~~ | 0.164 | - |
| 15324984 | 01 | AJ | SILICONE METHYL/VINYL TAN | 102 | 2.42-2.03 | 4.25 | 7.5 | 7.25 | 6.7 | 12041351 | 0.162 | - |
| 15324983 | 01 | AK | SILICONE METHYL/VINYL RED BRN | 103 | 1.7-1.29 | 4.25 | 7.5 | 7.25 | 6.7 | 12015899 | 0.171 | - |
| 15324982 | 01 | AJ | SILICONE METHYL/VINYL GREEN | 101 | 2.85-2.03 | 4.25 | 7.5 | 7.25 | 6.7 | ~~12015323~~ | 0.150 | - |
| 15324981 | 01 | AK | SILICONE METHYL/VINYL BLUE | 102 | 4.3-3.45 | 4.25 | 7.5 | 7.25 | 6.7 | 12015193 | 0.122 | - |
| 15324980 | 01 | AJ | SILICONE METHYL/VINYL GRAY | 102 | 3.49-2.81 | 4.25 | 7.5 | 7.25 | 6.7 | ~~12010293~~ | 0.142 | - |
| 12129930 | C4 | - | FLUOROSILICONE METHYL/VINYL ORANGE | 101 | 2.85-2.03 | 4.15 | 7.3 | 7.25 | 6.7 | | 0.142 | - |
| ~~12089679~~ | 02 | AF | SILICONE METHYL/VINYL VIOLET | 103 | 2.15-1.6 | 4.25 | 7.5 | 7.25 | 6.7 | 15324985 | 0.164 | 15324985 |
| ~~12089443~~ | B2 | - | SILICONE METHYL/VINYL YELLOW | 103 | 2.15-1.6 | 4.25 | 7.5 | 7.25 | 6.7 | | | |
| ~~12041351~~ | 02 | AF | SILICONE METHYL/VINYL TAN | 102 | 2.42-2.03 | 4.25 | 7.5 | 7.25 | 6.7 | 15324984 | 0.162 | 15324984 |
| 12015899 | D8 | - | SILICONE METHYL/VINYL RED DK | 103 | 1.7-1.29 | 4.25 | 7.5 | 7.25 | 6.7 | 15324983 | 0.171 | - |
| ~~12015323~~ | 04 | AF | SILICONE METHYL/VINYL GREEN | 101 | 2.85-2.03 | 4.25 | 7.5 | 7.25 | 6.7 | 15324982 | 0.150 | 15324982 |
| ~~12015193~~ | 03 | AF | SILICONE METHYL/VINYL BLUE | 102 | 4.3-3.45 | 4.25 | 7.5 | 7.25 | 6.7 | 15324981 | 0.122 | 15324981 |
| ~~12010293~~ | 11 | AF | SILICONE METHYL/VINYL GRAY | 102 | 3.49-2.81 | 4.25 | 7.5 | 7.25 | 6.7 | 15324980 | 0.142 | 15324980 |
| ~~12010117~~ | 02 | - | SILICONE METHYL/VINYL ORANGE | 101 | 2.8-2.03 | 4.25 | 8 | 7.6 | 6.7 | - | - | - |

^ 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): SEE CHART

DISTR CODE

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 DIMED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

(1) PROCESS SENSITIVE DIMENSION

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

REFERENCE

| DIMENSIONAL RANGE (MM) | | | | | | | | CHART ET |
|---|---|---|---|---|---|---|---|---|
| FROM | > 0 | > 20 | > 30 | > 70 | > 100 | > 150 | > 200 | > 250 | > 300 |
| TO | 20 | 30 | 70 | 100 | 150 | 200 | 250 | 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° | | | | | | | | | |

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DELPHI

DELPHI CORPORATION
TROY, MI 48098

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| | | DATE |
|---|---|---|
| DR | | |
| APVD1 | J. HOUGELMAN | 13JAB9 |
| APVD2 | T. MUDREY | 26JAB9 |
| APVD3 | A. HERMANN | 31JAB9 |
| APVD4 | | |
| APVD5 | | |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1094801

MATERIAL: SEE CHART

DRAWING NAME: TAXI SEAL CBL 1W M/P

DRAWING NUMBER: 12010295

| SIZE | SCALE | FRAME NO | SHEET NO | STS | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 10:1 | 1 OF 2 | 1 OF 6 | R | 20 | - |

User: CDS09
Path: 12010295-CUS01-001
Date: 14-May-14
Time: 17:12