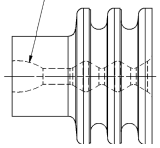
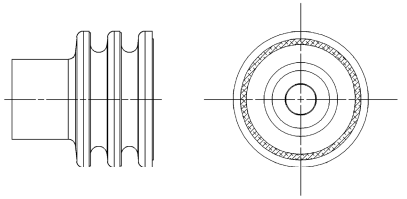
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (▭) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	5
	LAST NO. USED	7

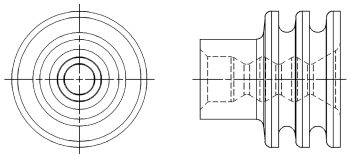
MISSING SYMBOLS: 4-5

OPTIONAL CONSTRUCTION 1
TYPE 103 ONLY

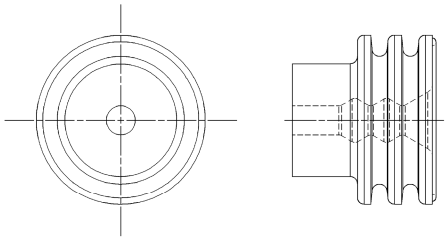




OPTIONAL CONSTRUCTION 2
(ANTI-STICK RING)



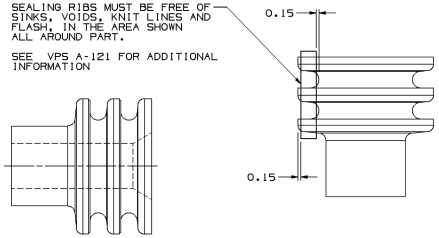
OPTIONAL CONSTRUCTION 4
TYPE 101 (15324982) ONLY

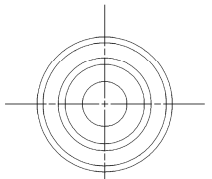


OPTIONAL CONSTRUCTION 3
THIS IS THE PREFERRED CONSTRUCTION FOR NEW TOOL BUILDS
(ANTI-STICK RING)

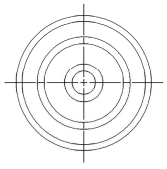
(6) SEALING RIBS MUST BE FREE OF SINKS, VOIDS, KNIT LINES AND FLASH, IN THE AREA SHOWN ALL AROUND PART.

SEE VPS A-121 FOR ADDITIONAL INFORMATION

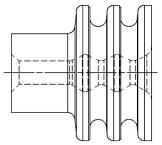




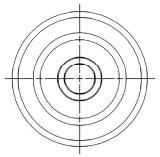
TYPE 102
SAME AS TYPE 101
EXCEPT FOR INTERNAL SEALING FEATURES



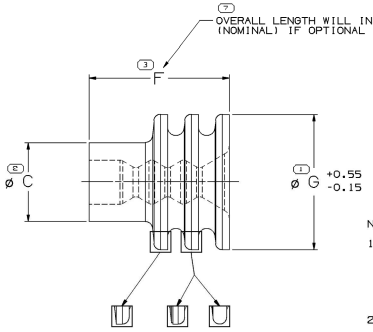
TYPE 103
SAME AS TYPE 101
EXCEPT FOR INTERNAL SEALING FEATURES



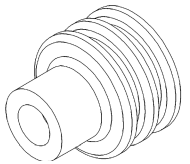
TYPE 101



(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 MM² THIN WALL CABLE 0.8 MM² 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.

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	G2	-	SILICONE METHYL/VINYL ORANGE	101	2.8-2.03	4.25	8	7.6	6.7	-	-	-
PART NO / CABLE SEAL	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

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STS	REV	N/P	CHG						
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 EMO BULTS; 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 Ø C 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 C	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- 01, 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

(1) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)									CHART ET
FROM	> 2	> 30	> 70	> 100	> 150	> 200	> 250	> 300	
TO	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°									

A ▭ LINE DRAWN THROUGH 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 DN GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-001. SEPARATE PATTERNS OF FEATURES MAY BE SHARED SEPARATELY PERMISSIBLE OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE USE MATH DATA

NX

DELPHI
DELPHI CORPORATION
TROY, MI 48098

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

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI: 1094900

VALIDATION: 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	-

Plotted: 2010/295-CV001-001 Date: 14-May-14 Time: 17:12