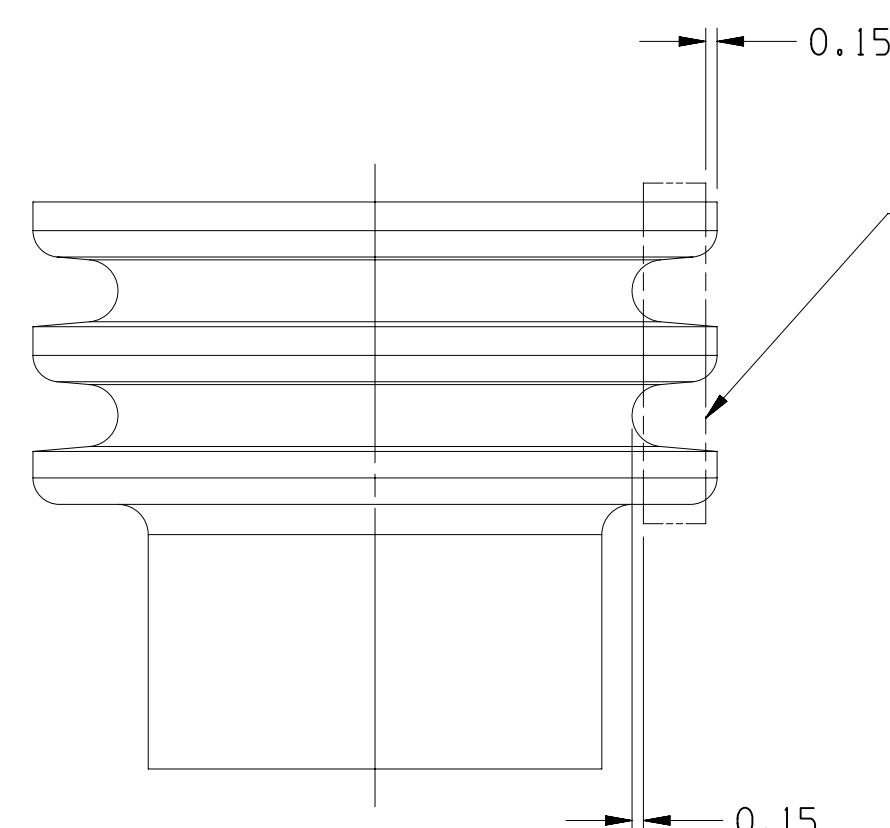
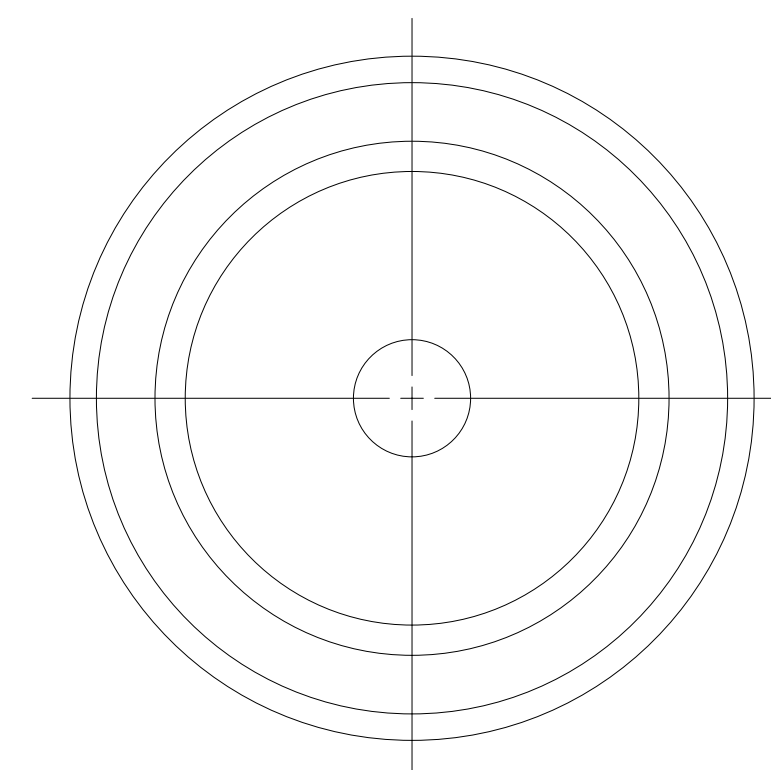


OPTIONAL CONSTRUCTION 2
THIS IS THE PREFERRED CONSTRUCTION FOR NEW
TOOL BUILDS
(ANTI-STICK RING)



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.



Technical drawing of a mechanical seal assembly. The drawing shows a cross-section of the seal with various dimensions and callouts:

- Callout 1:** Overall length dimension, 9.05, with tolerances $+0.2$ and -0.15 .
- Callout 2:** Dimension ϕC , indicating the outer diameter of the seal housing.
- Callout 3:** Dimension 7.5, with tolerances $+0.25$ and -0.15 .
- Callout 4:** Dimension 0.25, with tolerances $+0.25$ and -0.15 .

OVERALL LENGTH WILL INCREASE BY 0.2 MM (NOMINAL) IF OPTIONAL CONSTRUCTION 2 IS USED










































































SEALING RIBS MAY DIFFER AS SHOWN

TYPE 201

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. *DESIGNED AS A PUSH ON SEAL. SEAL SLIDES OVER INSULATION
WINGS. A TERMINAL CANNOT BE CRIMPED OVER THIS SEAL.
4. 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.
5. 12110210 CAN BE REPLACED BY ANY SEAL
ON THIS PAGE IN CONJUNCTION WITH 12124471 OR 12124598
TERMINAL DEPENDING ON CABLE OD.
6. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR
IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR
BUE, STAIN, GAU GEVAGE, AND CRACKS DO NOT AFFECT THE
FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP-4-3-CS-01.EN.
7. SEE 121010295 SHEET 6 FOR MYLAR ASSEMBLY INFORMATION.
8. CORPORATE BRAND TO BE APPLIED TO PRODUCT DESIGN PER
THE LATEST REVISION OF ESD 10B95201.

LIMITS ARE ESTABLISHED										
DIMENSIONAL RANGE		CHART E								
FROM	TO	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300
	20		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°										

MISSING SYMBOLS		DWG STATUS				ZONE	REVISION HISTORY	AUTH	DR	APVD	APV3	
	DATE	STG	REV	N/P	CHG							
NO MISSING SYMBOL NUMBER	30N099	R	001	-	-		ALL PARTS - REDRAWN TO PD; 15324987-92 RELEASED	990005	JLZ	GMC	RH	
	07N000	R	002	-	-		15324987-92 - REVISED	202978	JLZ	EAR	JR	M
	15MR04	R	03	-	-		12052930, 12048441, 12048442 & 12048443 PER NIN END BOLTS; ALL PARTS - UPDATED MATERIAL SPEC	251701	RH	RH	MR	
	17N004	-	04	-	-	-	12048441 THRU 12048443 & 12052930 - REVISED DRAWING CHART	261371	JS	JS	MR	
	01FE05	R	05	-	-		REVISED TOLERANCE	263812	MM	MM	MR	
	09MR06	R	06	-	-		15324987-92 - UPDATED PDW ATTRIBUTES	276506	JBD	AUG	JES	
	26MY06	R	07	-	-		REMOVED TYPES 204, 205 & 206 AND OPTIONAL CONSTRUCTION VIEWS; ALL ACTIVE PARTS - 7.5 +0.25/-0.15 WAS 7.5 +0.15, 9.05 +0.2/-0.15 WAS 9.05 +0.15; 12048433, 12052452-53, 12052931, 12065703, 12162068, 12048441-43, 12052930, 12134170 & 12162067 RESTRICTED; 15324987-90 & 15324991-92 - WERE TYPE 204 & 206, UPDATED MAT'L SPEC AND ADDED ALTERNATE MAT'L SPEC	281070	JPH	JVM	MPR	L
	17AU06	R	08	-	-		15324992 - OBSOLETE	283517	CCV	AUG	MR	
	030C06	R	09	-	-		ALL ACTIVE PARTS - ADDED SEALING RIBS LABEL, OVERALL LENGTH LABEL, SEALING RIBS VIEWS & NOTE, ANTI-STICK RING OPTIONAL CONSTRUCTION VIEWS AND DIMS (2 PLCS); 12162067-68 - WERE RESTRICTED	285210	JBD	FRG	MPR	
	24JL09	R	10	-	-		ALL PARTS - ADDED VOLUME COLUMN AND UPDATED MATERIAL CALLOUTS	408462	ECB	AUG	MPR	
	15JN10	R	11	-	-		12048433, 12052452-53, 12052931, 12065703, 12124843 & 12162068 - MOVED TO SHT 6; 12048441-43 & 12052930 - OBSOLETE AND ADDED "REPLACED BY" COLUMN ON CHART	411067	AGM	JAA	MPR	K
	20SE18	R	12	-	-		15324992 - REINSTATED ADDING ANTI-STICK RING AND UPDATED MAT'L CALLOUT	441097	LVD	JAA	VRG	
	08AU19	R	13	-	-		12162067 - OBSOLETE AND ADDED "REPLACED BY" INFO	444186	DAV	EVV	CFH	
	050C21	R	14	-	-		ALL ACTIVE PARTS - REVISED "TO IMPROVE SEAL" NOTE	555461	GDH	JAA	ACR	

LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.	
CONTACT PARTS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.	
CONTACT NUMBERS TO ASSURE AVAILABILITY OF PARTS.	
END TYPE	
PART DRAWING	
STYLE	DIST. CODE
VOLUME (CONT.) SEE CHART	
UNLESS OTHERWISE SPECIFIED	
THIS DOCUMENT IS IN ACCORDANCE WITH ASME A19.1M-1994 FOR THE USE OF THE 3M/4000 LINE DRAWING AND TOLERANCING ADDENDUM 2001. SEPARATE PATTERNS OF THIS DOCUMENT MAY BE USED SEPARATELY REGARDLESS OF DATE.	
ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE	
THIRD ANGLE PROJECTION	DO NOT SCALE
	
	USE MATH DATA
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

<h1 style="text-align: center;">• APTIV •</h1> <p style="text-align: center;">CONNECTION SYSTEMS</p> <p style="text-align: center;">WARELEV, OH</p> <p style="text-align: center;">COPYRIGHT 1989 APTIV, ALL RIGHTS RESERVED.</p> <p>THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINS APTIV CONFIDENTIAL INFORMATION. THE REPRODUCTION OR DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.</p>									
								DATE	
DP									
APV01	J.	HOUGSELMAN						13 JA89	
APV02	T.	MUDREY						26 JA89	
APV03	A.	HERMANN						31 JA89	
APV04									
APV05	SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 104949801								
MATERIAL SHEET									
DRAWING NAME									
TAXI SEAL CBL IW M/D									
DRAWING NUMBER									
12010295									
SIZ26	SCALE	FRAME	1	OF 2	SHEET	1	OF 14	RV	N/P
A0			1	OF 2	2	OF	R	14	

Mouser Electronics

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