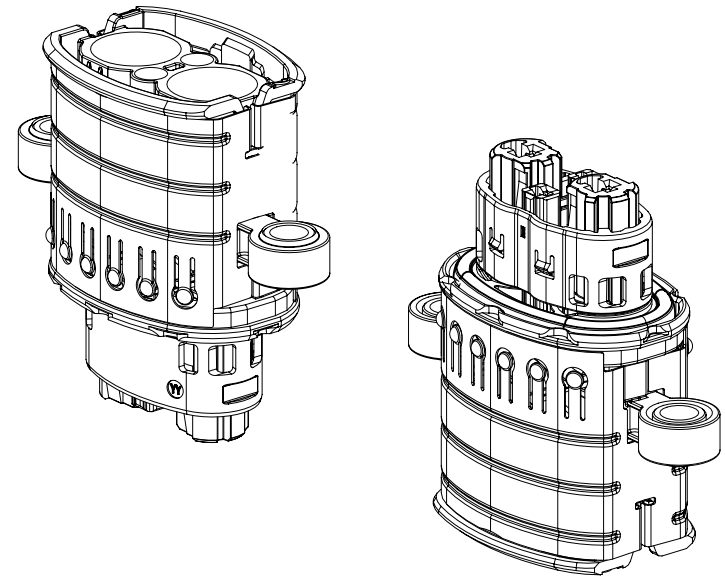
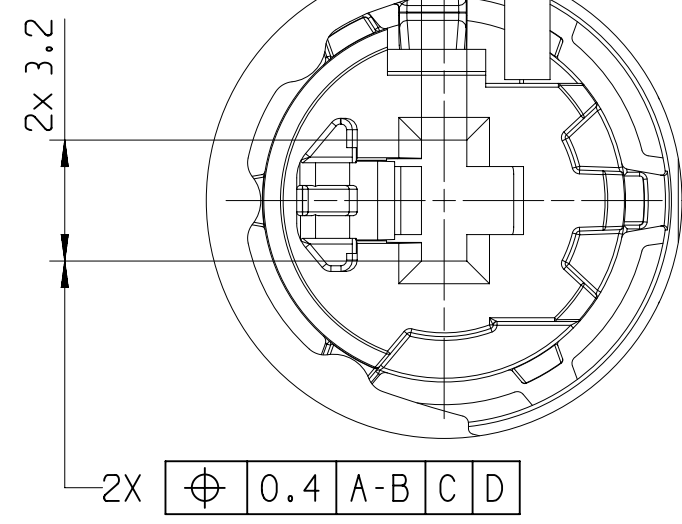


3					2		1			
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APV2
DATE	STG	REV	N/P	CHG						
05N019	R	01	-	-		INITIAL RELEASE		J.L	J.F	

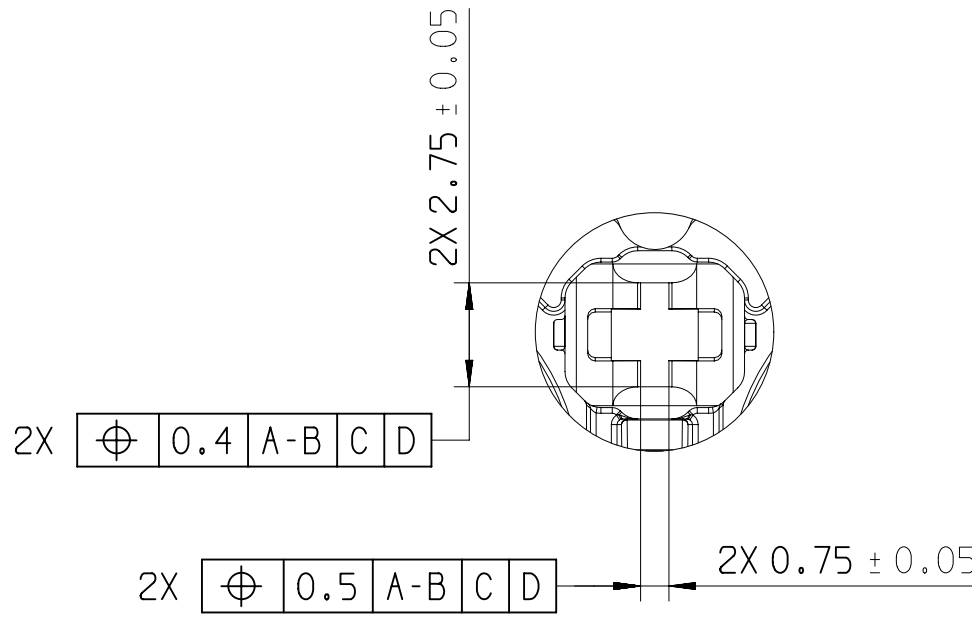


SCALE 1:1

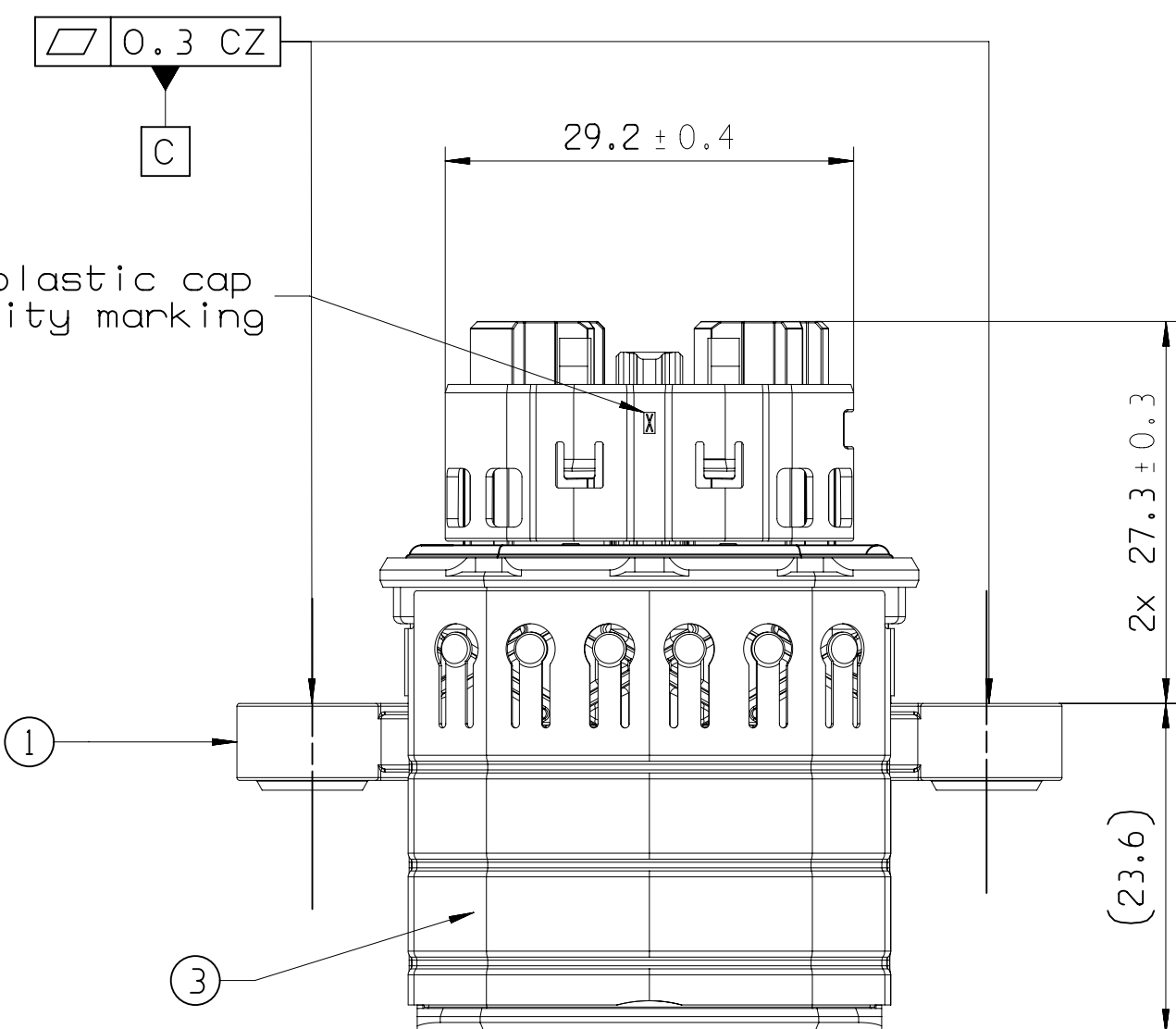
2X $\varnothing 0.6$ A-B C D 2x 1.2



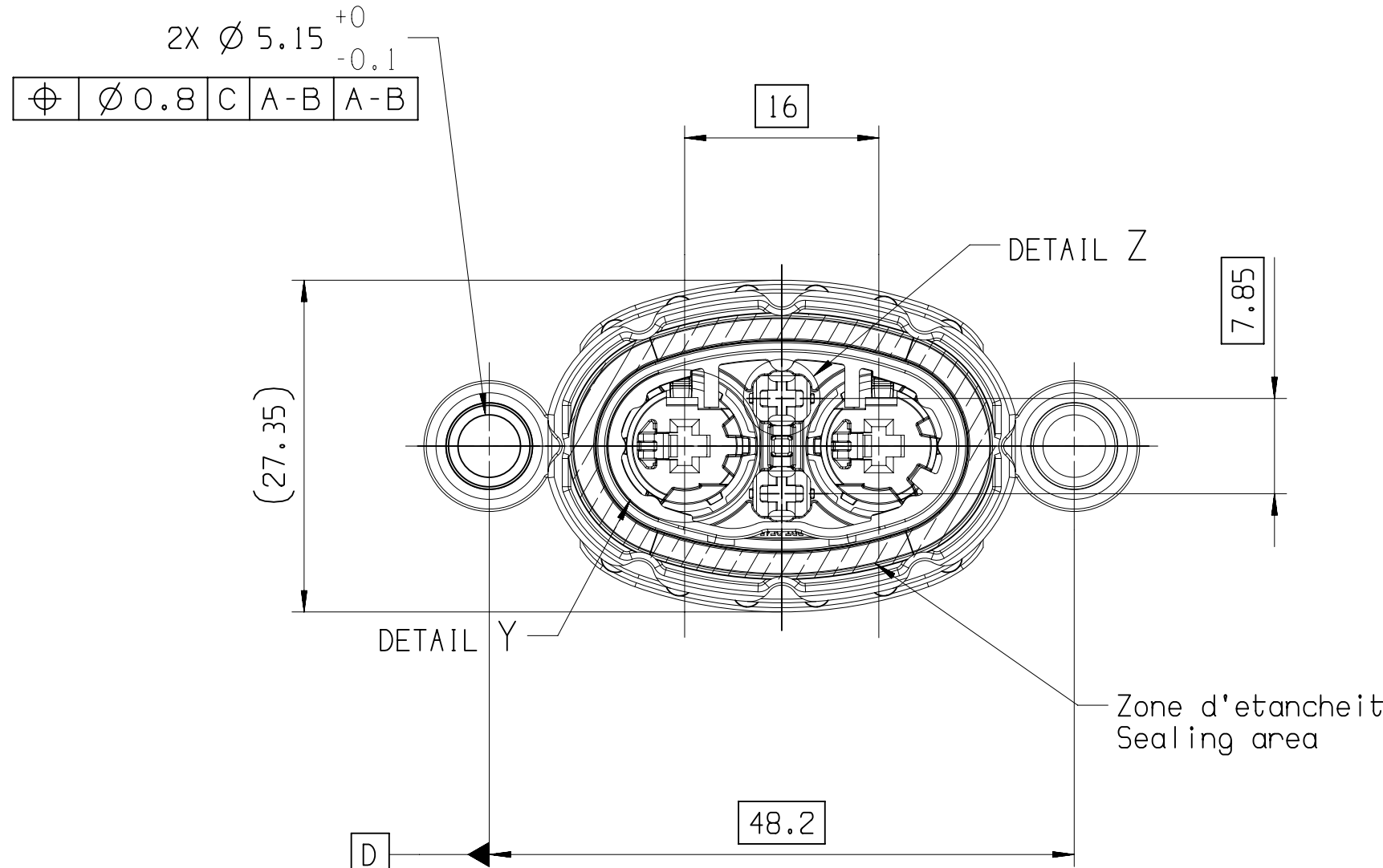
DETAIL Y 5:1
Detail d'alveole APEX2.8
APEX2.8 terminal cavity detail



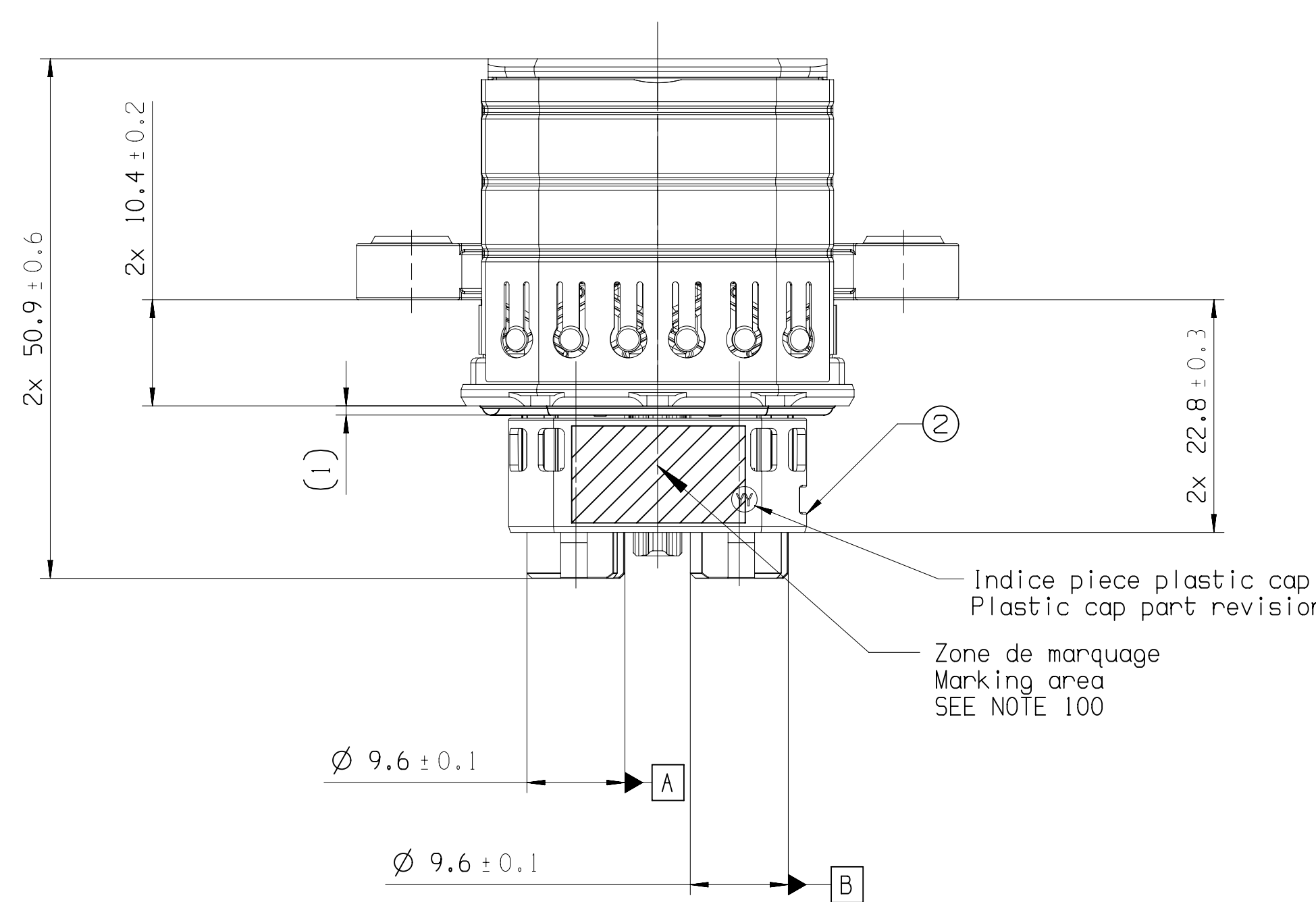
DETAIL Z 5:1
Detail d'alveole D501.5
D501.5 terminal cavity detail



Numero d'empreinte plastic cap
Plastic cap tool cavity marking



Zone d'etancheite
Sealing area



Indice piece plastic cap
Plastic cap part revision

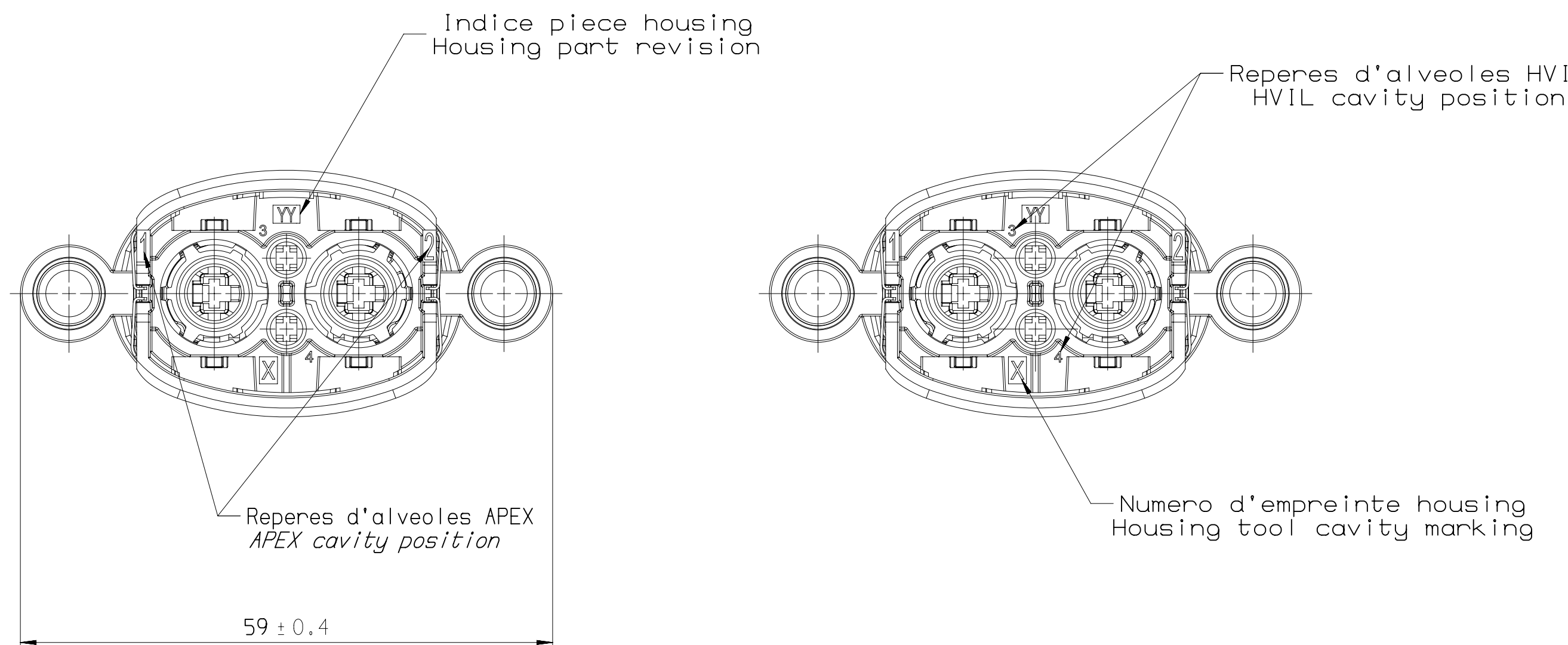
Zone de marquage
Marking area
SEE NOTE 100

BILL OF MATERIAL			
1	HOUSING	APTIV PN	35205826
		MATERIAL	PBT GF15
		COLOR	ORANGE
2	PLASTIC CAP	QUANTITY	01
		APTIV PN	35205825
		MATERIAL	POLYAMID GF 30
3	OUTER SHIELD	COLOR	BLACK
		QUANTITY	01
		APTIV PN	35206693
4	INTERFACIAL SEAL	MATERIAL	COPPER ALLOY
		COLOR	-
		QUANTITY	2
5	M4 SPACER	APTIV PN	35206691
		MATERIAL	LSR, OIL BLEEDING
		COLOR	GRAY
6	M4 SPACER	QUANTITY	01
		APTIV PN	35206692
		MATERIAL	ALUMINIUM ALLOY
7	M4 SPACER	COLOR	-
		QUANTITY	02

ASSOCIATED PARTS		
NAME	APTIV PN	QUANTITY
APEX280 FEMALE TERMINAL	15422738	2
DSQ 1.5 FEMALE TERMINAL	10763184	2
SWS	13834764	2
RETAINER	35206690	2
SHIELDED BRAID	EMI-PHY25	1
WIRE GUIDE	35212380	1

- NOTE :
- GLOBAL SPECIFICATION
 - TEMPERATURE USAGE OF THE CONNECTOR : -40° C to 125° C
 - MAXIMUM VIBRATION LEVEL : 25g
 - SEALING AT 1bar INITIAL AND 500mb AFTER TEST ENVIRONNEMENT
 - APTIV PRODUCT SPECIFICATION : FE PS 17 013
 - PACKAGING : FE PA 18 002
 - HANDLING MANUAL : PU262
 - THIS DRAWING IS AN EXTRACT OF THE DETAILS DRAWINGS
 - IN CASE OF CONFLICT, APTIV WILL REFER TO THEM
 - INTERFACE DRAWING DEFINITION : 35241451-DWG01
 - MASS OF THE PRODUCT : 25g ± 10%
 - TO BE USED WITH ISO 14583 -M4 SCREW
 - SCREWING OPERATION MUST BE DONE WITH A 3nm ± 15% TORQUE VALUE
 - SCREWING PROCESS ENSURES SEALING FUNCTION
 - ANY USAGE OF AN OTHER SCREW MUST BE VALIDATED WITH APTIV
 - APTIV RECOMMENDS THE USAGE OF AN ADDITIONNAL PART TO COVER THE SHIELDS IN ORDER TO WITHSTAND HIGH CORROSION SEVERITY ENVIRONNEMENT

INDEX



NOTE100 : MARKING AREA

XXX-YYYY
ZZZZZ
DM280-2W
35208936

XXX : DAY OF THE YEAR OF PRODUCTION
YYYY : YEAR OF PRODUCTION
ZZZZZ : PRODUCED PART NUMBER
DM280-2W : PRODUCT DESIGNATION
35208936 : APTIV-PRODUCT NUMBER

DATAMTRIX CODE THAT INCLUDE ALL BESIDES INFORMATION

DIMENSIONAL RANGE (MM)					CHART		E
FROM	0	> 20	> 30	> 70	> 100	> 100	
TO	20	30	70	100			
TOLERANCE UNLESS OTHERWISE SPECIFIED							
	±0.15	±0.2	±0.3	±0.4	±0.5		
ANGULAR TOLERANCE ±2°							

THIRD ANGLE PROJECTION	DO NOT SCALE	CAD	
	USE MATH DATA		

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA

• APTIV •
CONNECTION SYSTEMS
Epernay, France
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DR	J. LEVEQUE	DATE	21SE18
APVD1	J. FABRE		21SE18
APVD2			
APVD3			
APVD4			
APVD5			

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV (094900)

SEE TABLE

DRAWING NAME: 2W DIRECTMATE280

DRAWING NUMBER: 35208936

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	2:1	1	OF 1	1	OF 2	R 01 -

USER: J281JL... 05/05/2019 10:01:00 Draw: 30°_Jul-20 Time: 09:20:05

Mouser Electronics

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[Aptiv:](#)
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