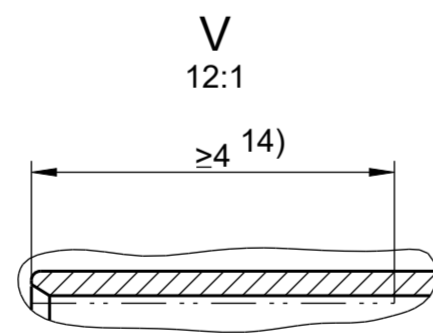
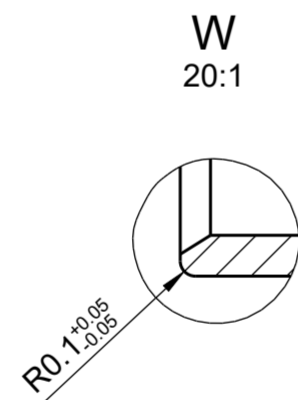
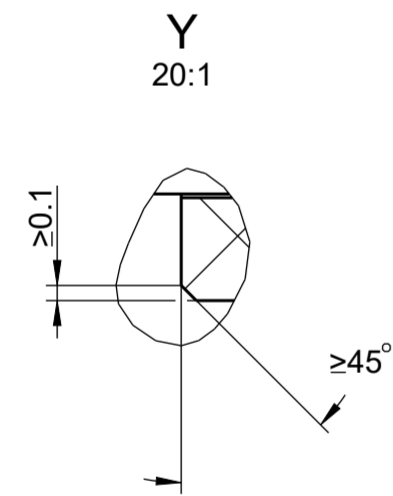
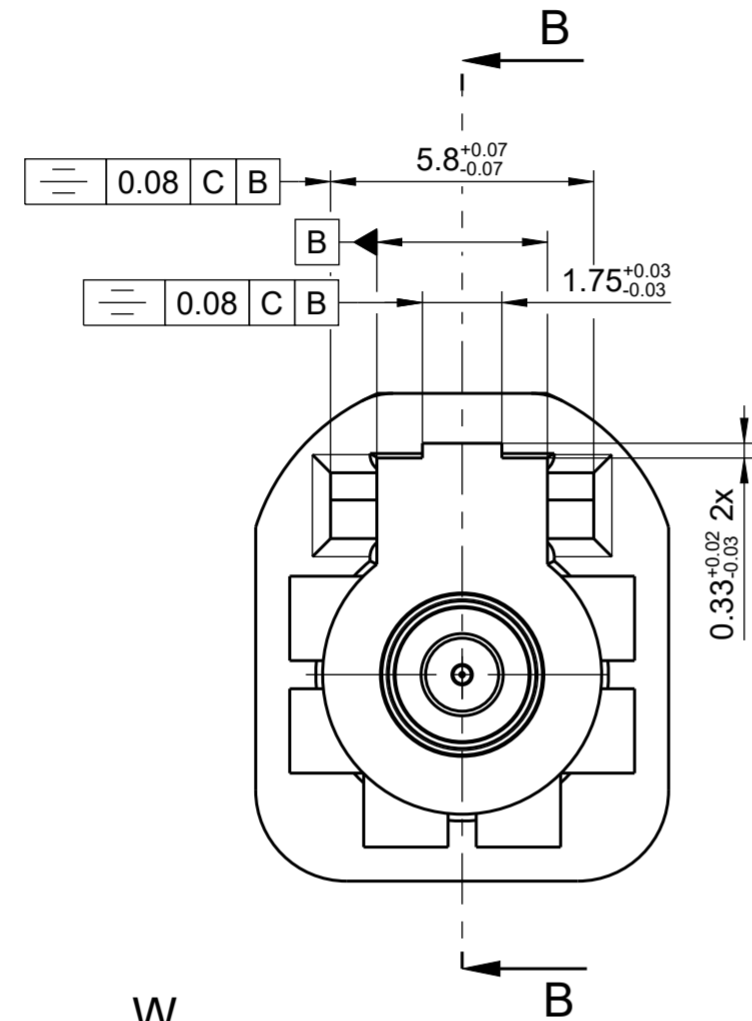
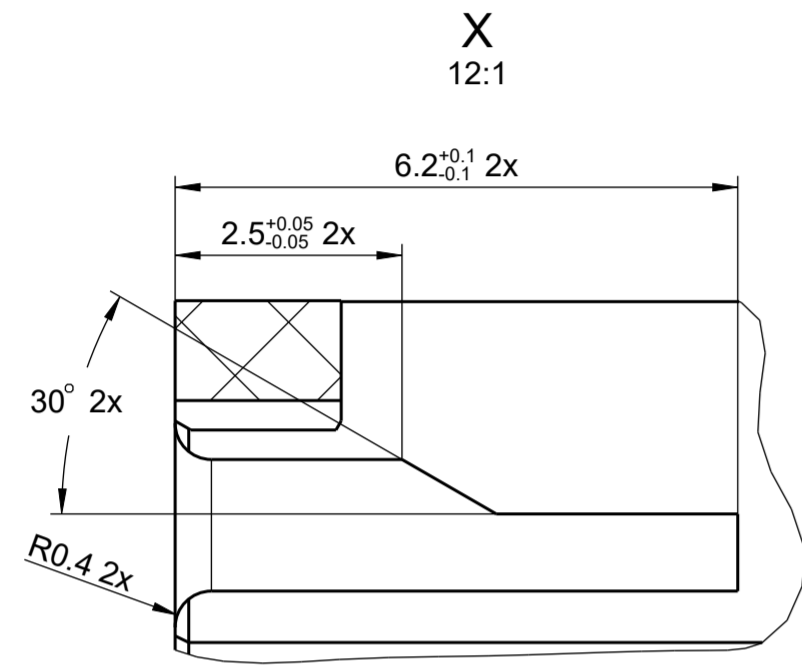
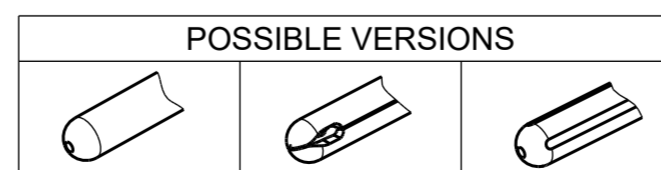
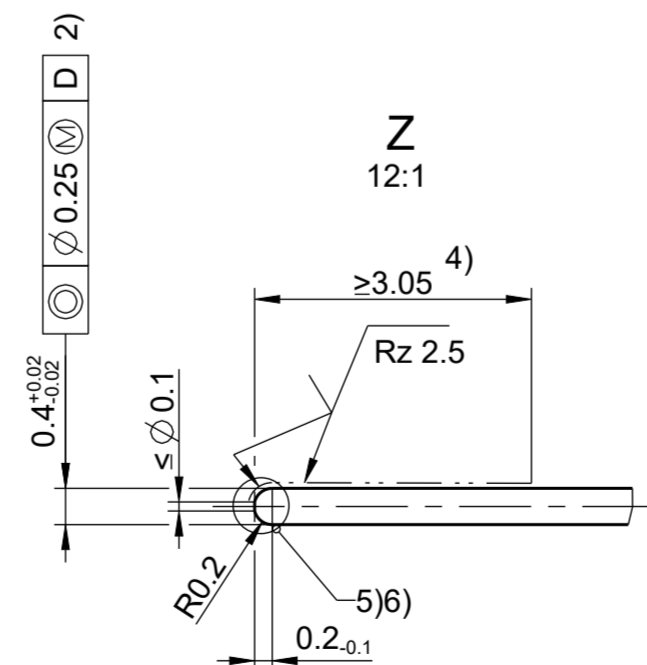
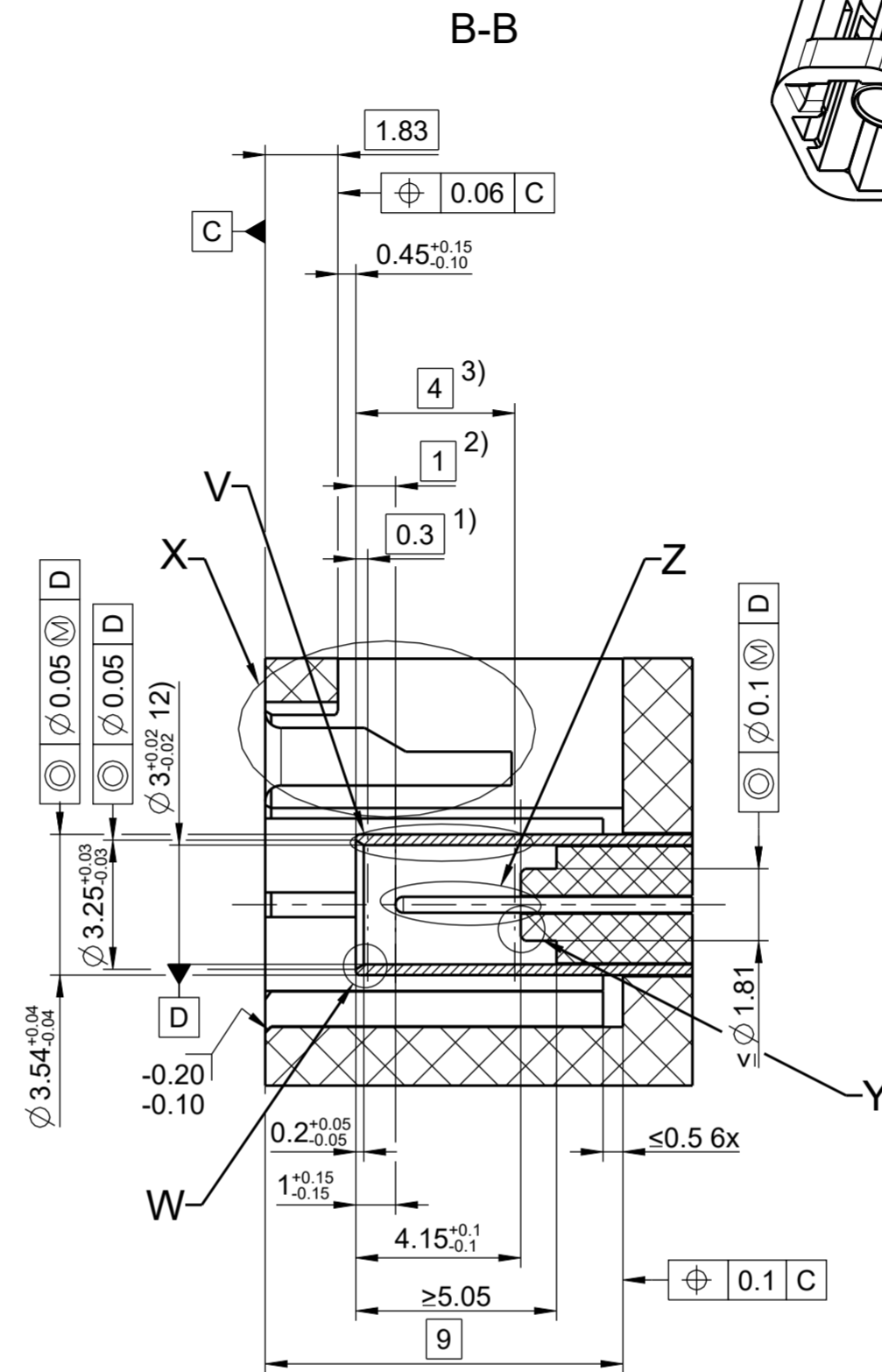
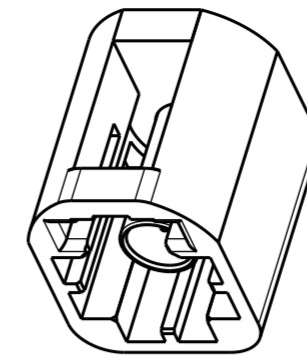


PLATING OF CONTACT AREA

OUTER CONTACT	STANDARD: min. 1.5µm Sn (hot-dip tinned, pre-plated base material) ALTERNATIVELY: min. 3µm Sn over min. 1µm Ni and min. 2µm Cu (Cu optional depending on base material)
INNER CONTACT	min. 0.15µm Au over 2µm Ni and 0.5µm Cu (Cu optional depending on base material)



ISOMETRIC VIEW
SCALE: 3:1

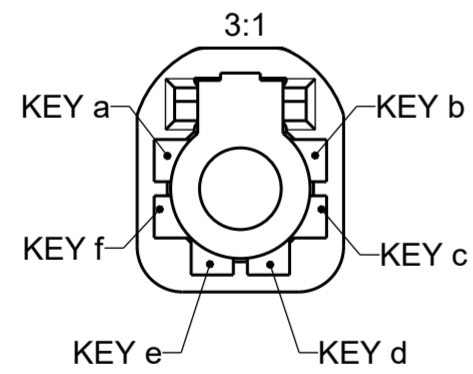
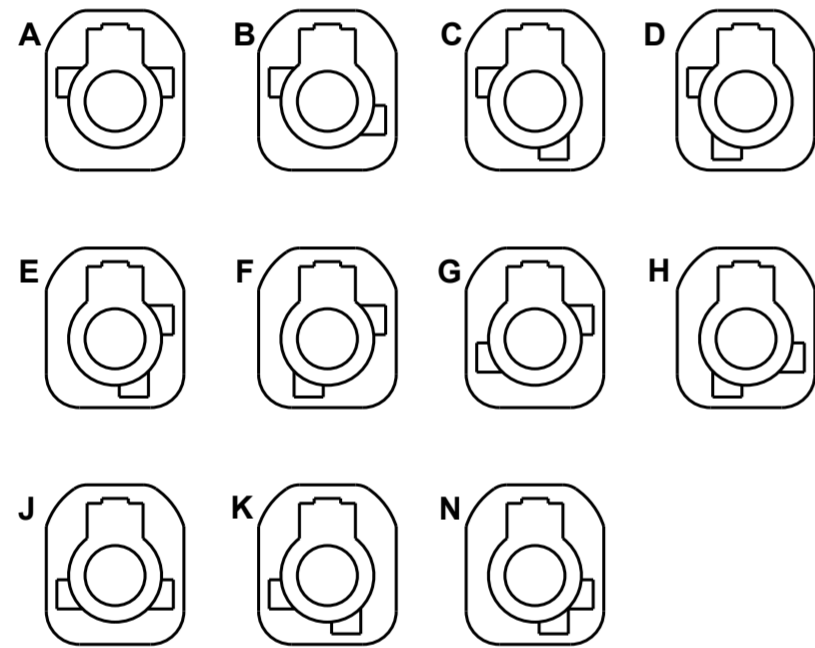
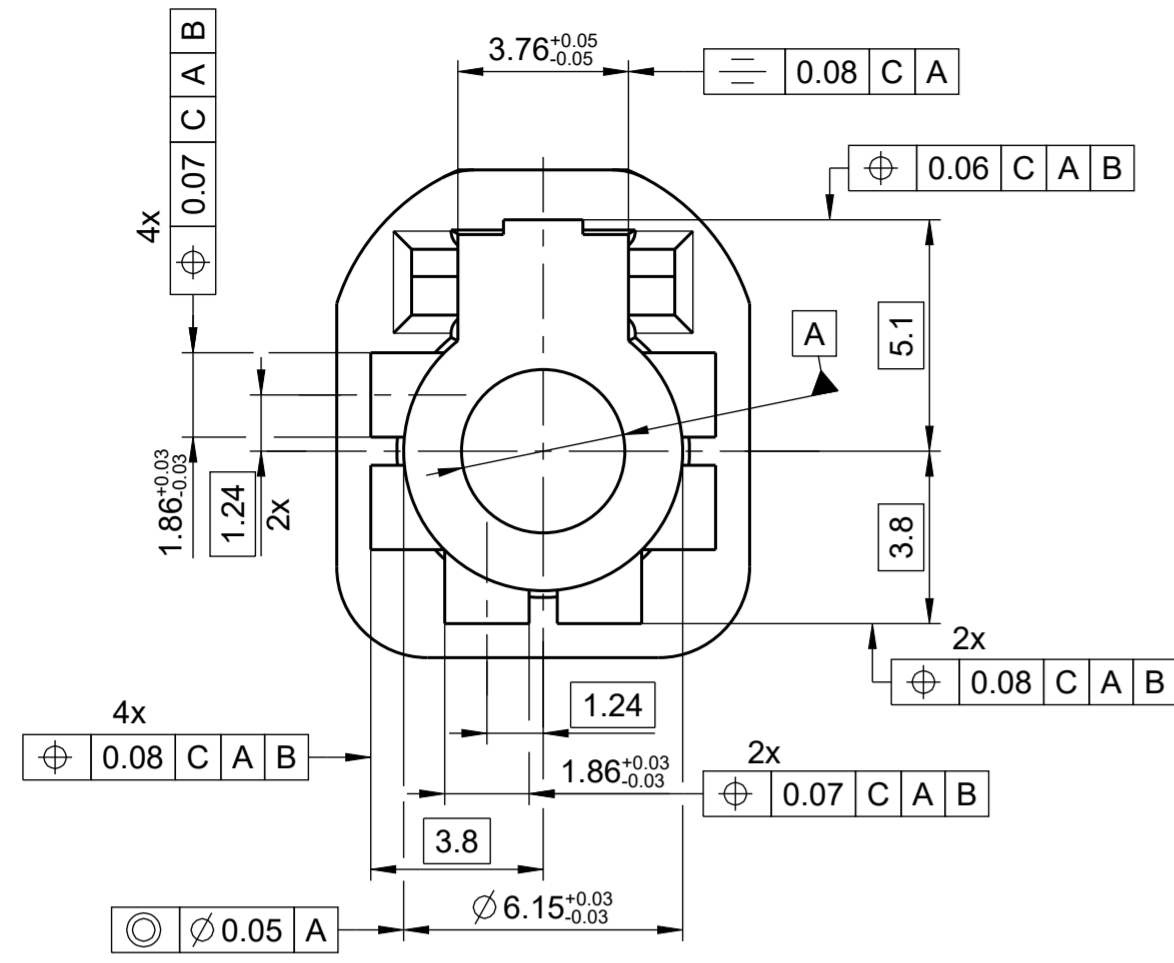


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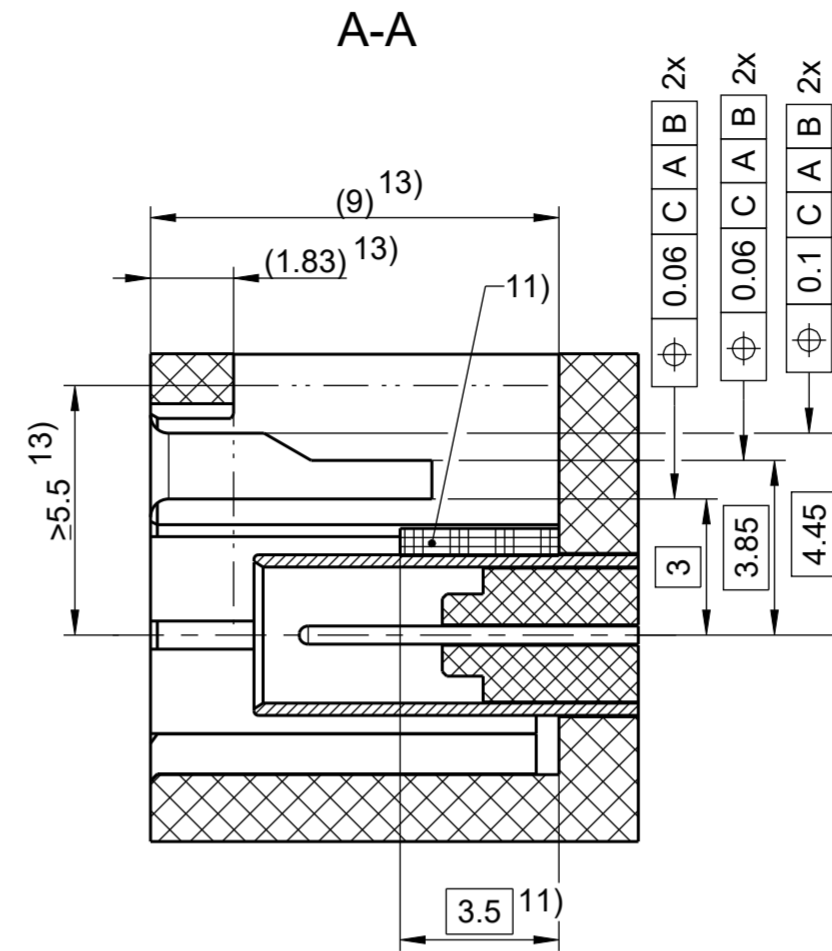
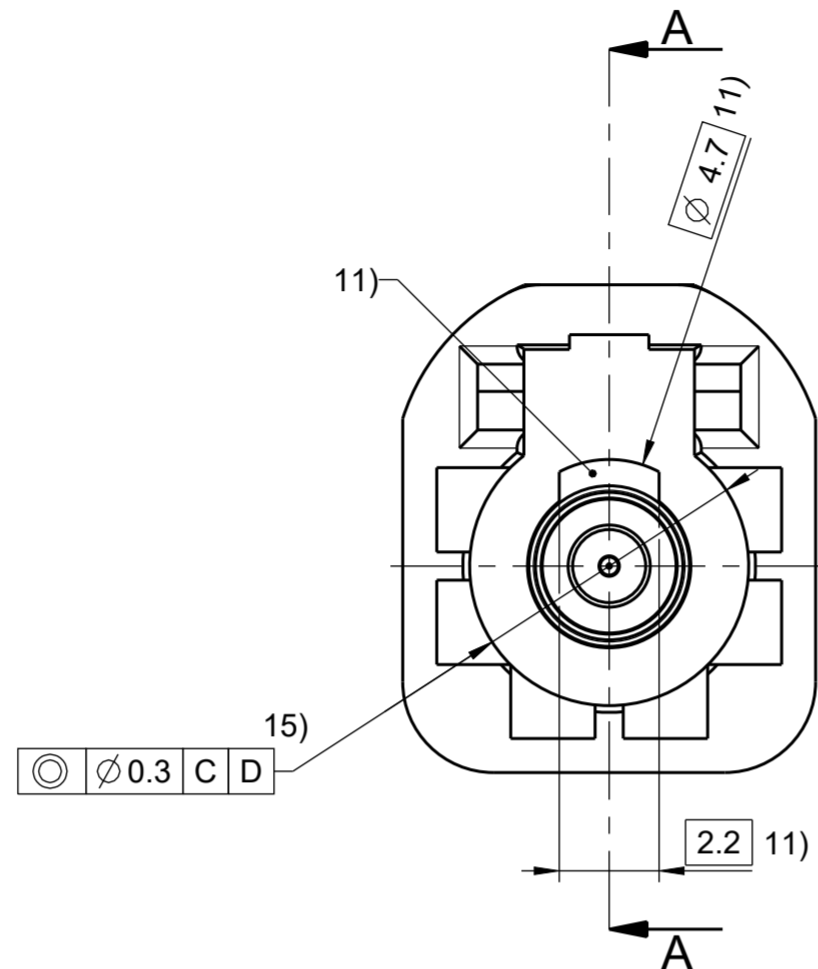
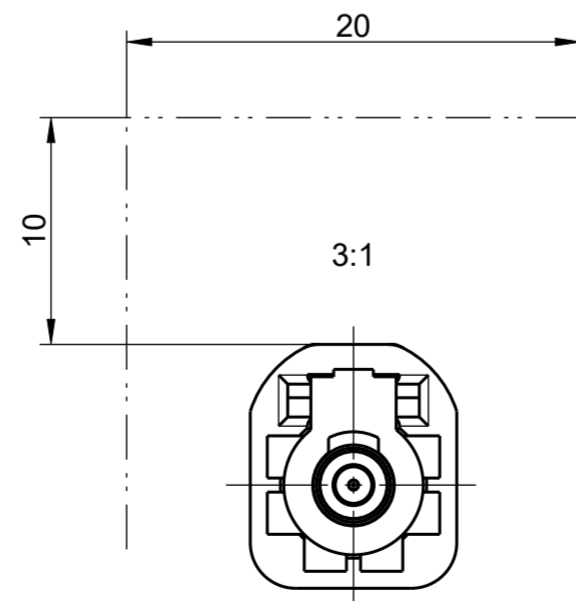
- 1) MEASURING PLANE 1
- 2) MEASURING PLANE 2
- 3) MEASURING PLANE 3
- 4) AU-PLATING
- 5) NO BURR AND SHARP EDGES PERMITTED
- 6) CUT AREA PERMITTED WITHOUT PLATING
- 7) DEVICE MANUFACTURER IS RESPONSIBLE FOR EMC-SCREENING BEHIND THE INTERFACE, THE RESPECTIVE OEM-STANDARDS MUST BE ADHERED TO
- 8) CONTACT OVERLAP OF MIN. 1.0mm HAS TO BE GUARANTEED
- 9) THE CONNECTOR IS DESIGNED FOR 50 Ω. IT IS RECOMMENDED TO DESIGN THE WHOLE COMMUNICATION CHANNEL ACCORDINGLY
- 10) ALL DIMENSIONS APPLY TO THE FINISHED PART INCLUDING SURFACE COATING
- 11) AREA TO BE LEFT OPEN IF TOOLED AS AN INLINE CONNECTOR
- 12) TOLERANCE ONLY UNTIL MEASURING PLANE 3, BEHIND IT ±0.04mm ALLOWED
- 13) FREE SPACE FOR MATING PART
- 14) Sn-PLATING
- 15) FOR FLOATING OUTER CONTACT OF THE CABLE PLUG, A DEVIATION OF Ø 0.4 IS PERMISSIBLE, REFERRING TO MEASURING PLANE 1

A		INITIAL RELEASE	02/2024		
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION		
DIMENSIONS ARE IN MILLIMETERS					
SIZE ISO 14405 / TOLERANCING ISO 8015					
SCALE	6:1	DRAWN BY	R. SADIC	CHECKED BY	M. SINGHAMMER
TITLE	ISO 8092-7 Unsealed Type A				
SHEET	1 of 2	DRAWING NUMBER		SIZE	A2
				DO NOT SCALE DRAWING	REVISION LEVEL
				COMPUTER AIDED DRAWING	A

CODING

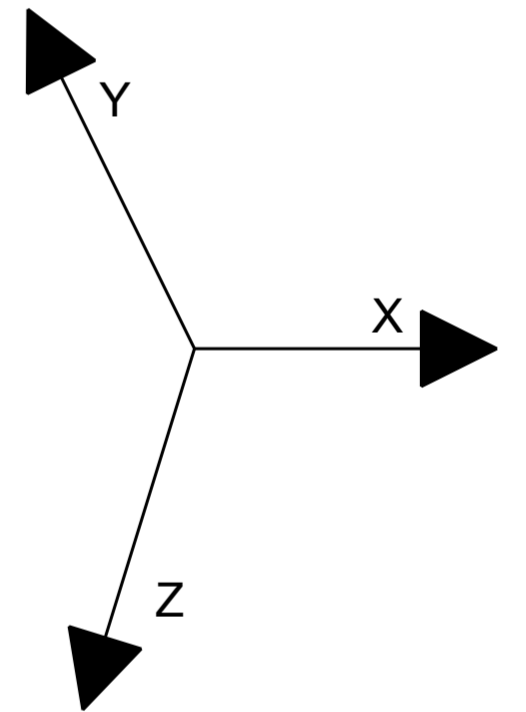
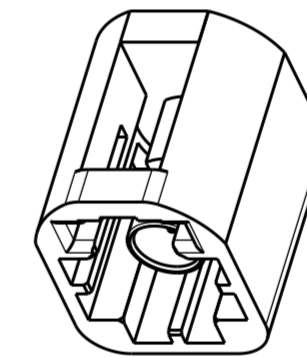


REQUIRED SPACE FOR ACTUATION



Explanation of the Datum plane

ISOMETRIC VIEW
SCALE: 3:1



- A** -> Orientation of the housing in the Z-direction on the XY plane, position of the outer conductor
- B** -> Limitation of the rotation about the Z-axis
- C** -> Front surface
- D** -> Outer conductor is reference for inner conductor

CODE	KEY	COLOR	SIMILAR RAL-NO
N	c-d	PASTEL GREEN	6019
K	d-f	CURRY	1027
J	c-f	BEIGE	1001
H	c-e	LIGHT PINK	3015
G	b-f	PLATINUM GREY	7036
F	b-e	NUT BROWN	8011
E	b-d	MAY GREEN	6017
D	a-e	CLARET VIOLET	4004
C	a-d	LIGHT BLUE	5012
B	a-c	PURE WHITE	9010
A	a-b	JET BLACK	9005

TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			
SIZE ISO 14405 / TOLERANCING ISO 8015			
SCALE	DRAWN BY	CHECKED BY	DATE
6:1	R. SADIC	M. SINGHAMMER	01.02.2024
TITLE			
ISO 8092-7 Unsealed Type A			
SHEET	DRAWING NUMBER	SIZE	REVISION LEVEL
2 of 2		A2	COMPUTER AIDED DRAWING A