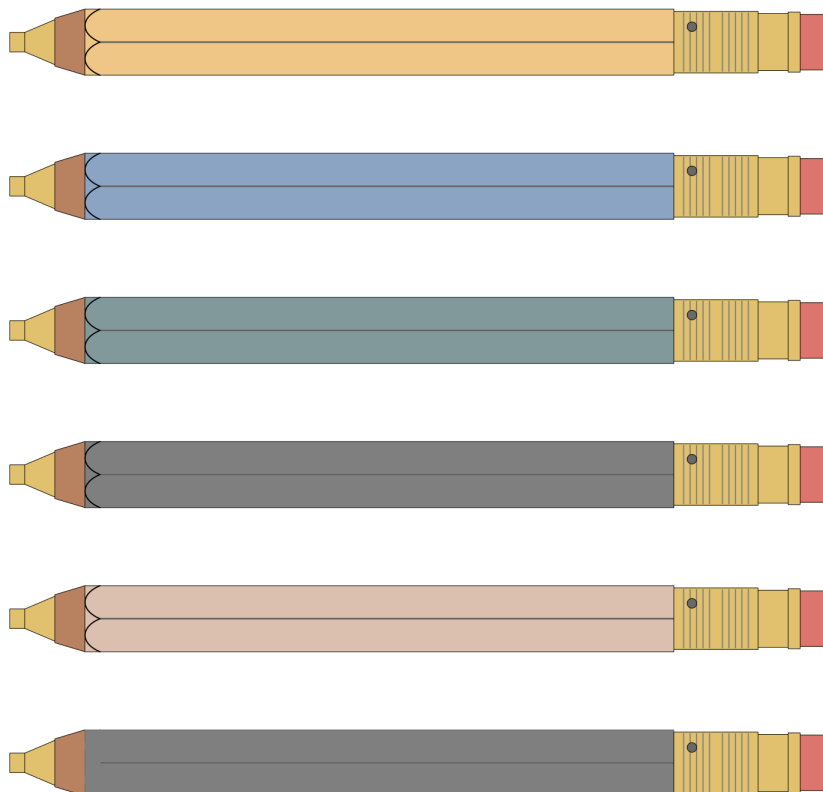


OHTO

Sharp Pencil 2.0

Model #: APS-680E

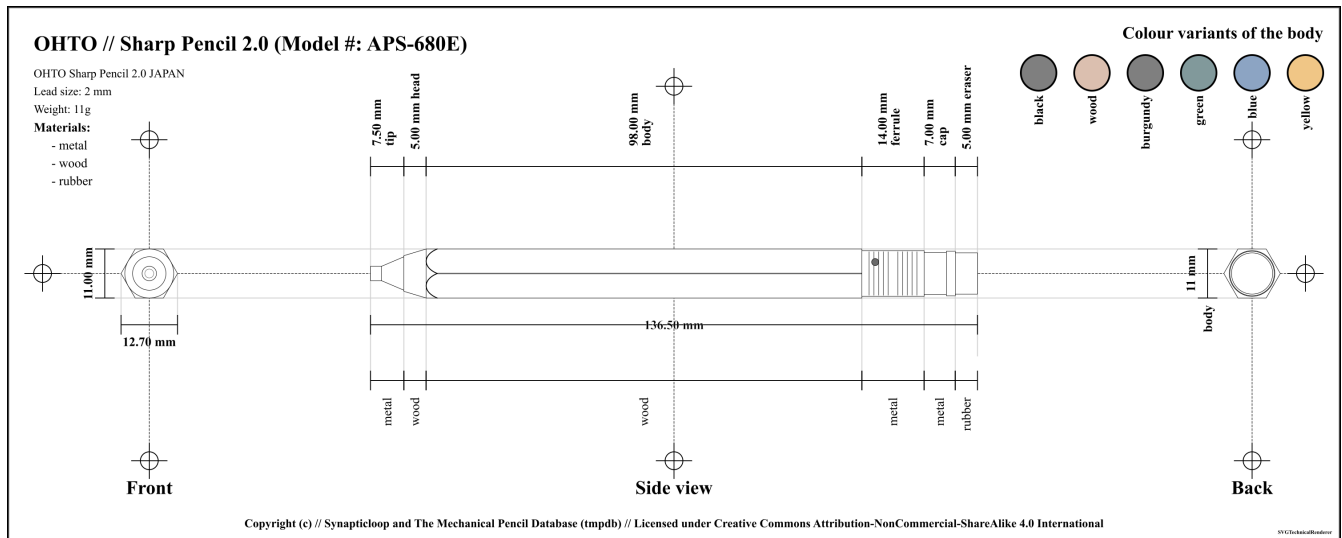
OHTO // Sharp Pencil 2.0 (Model #: APS-680E)



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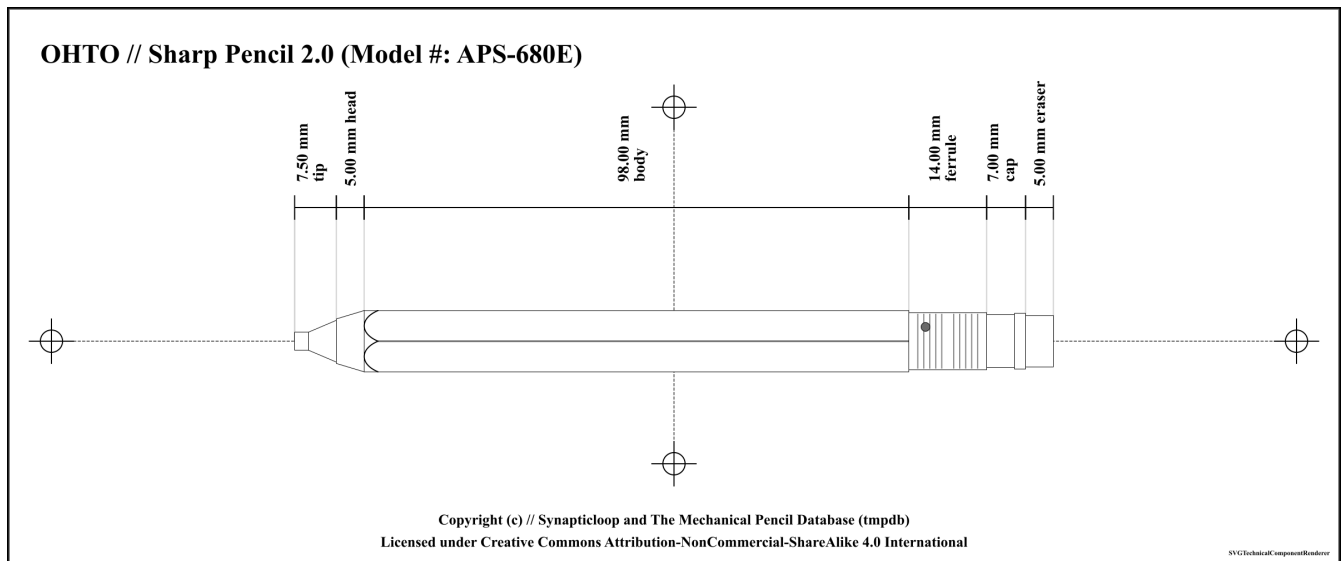
Datasheet



Overview

Brand	OHTO
Model Name	Sharp Pencil 2.0
Model Number	APS-680E
Lead size	2 mm
Text	OHTO Sharp Pencil 2.0 JAPAN
Mechanism	click
Years available	
Country of manufacture	
Dimensions	136.50 mm (length) 12.70 mm (width) 11.00 mm (height)
Weight	11 grams
Materials	metal wood rubber
Colour variants	yellow blue green burgundy wood black
Features	eraser - End of pencil, attached to ferrule

Components



Measurements - external

Component	Length	Height		Width	
		Min.	Max	Min.	Max.
tip	7.50 mm	3.25 mm	7.50 mm	3.25 mm	7.50 mm
head	5.00 mm	8.00 mm	11.00 mm	8.00 mm	11.00 mm
body	98.00 mm	11.00 mm		11.00 mm	12.70 mm
ferrule	14.00 mm	10.25 mm		10.25 mm	
cap	7.00 mm	10.00 mm		10.00 mm	
eraser	5.00 mm	9.25 mm		9.25 mm	
Total length	136.50 mm				

Materials - external

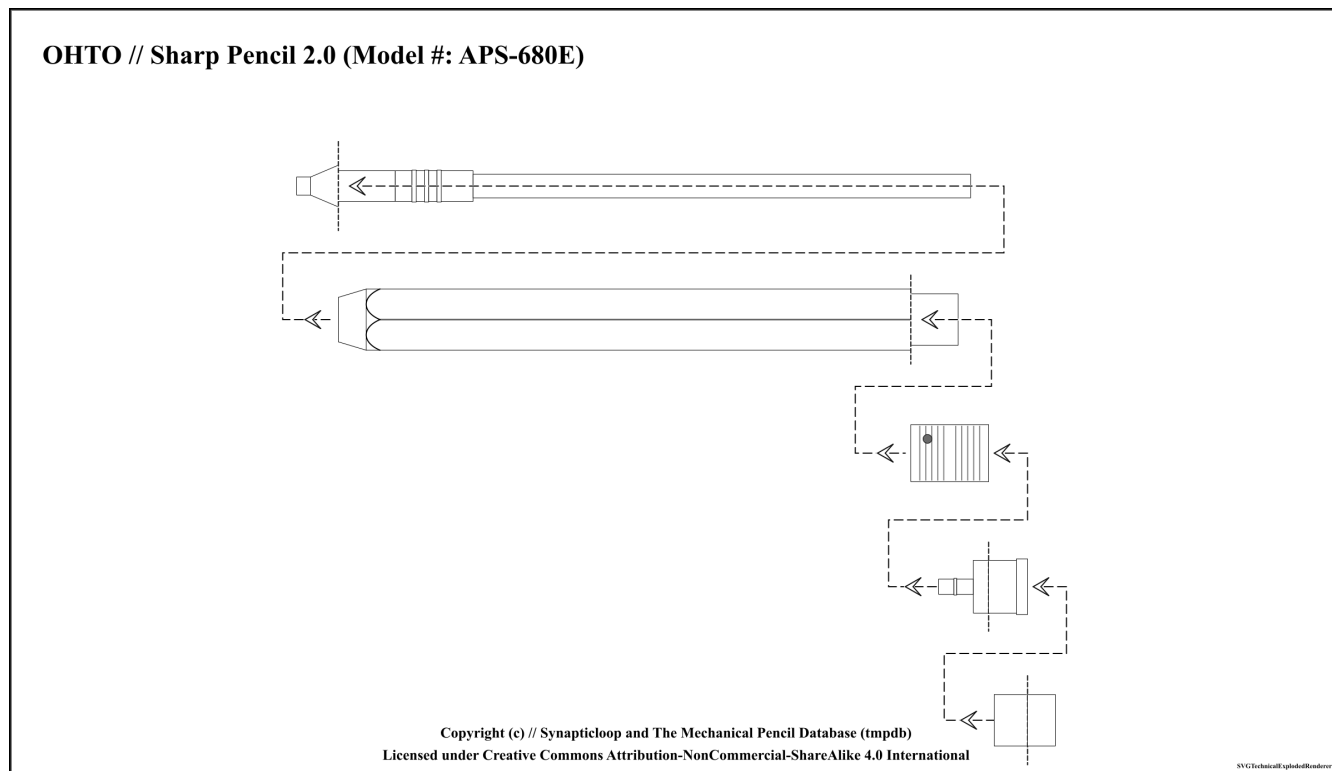
Component	Material(s)	Colour(s)	Shape(s)	Finish
tip	metal	brass	cylinder cone	
head	wood	wood	cone	
body	wood	yellow blue green burgundy wood black	hexagonal	

Components ^(cont.)

ferrule	metal	brass	cylinder	ferrule
cap	metal	brass	cylinder	
eraser	rubber	pink	cylinder	

Components *(cont.)*

Components (exploded view)



The diagram illustrates the assembly of a mechanical pencil in five sequential steps, indicated by dashed arrows showing the movement of components into place:

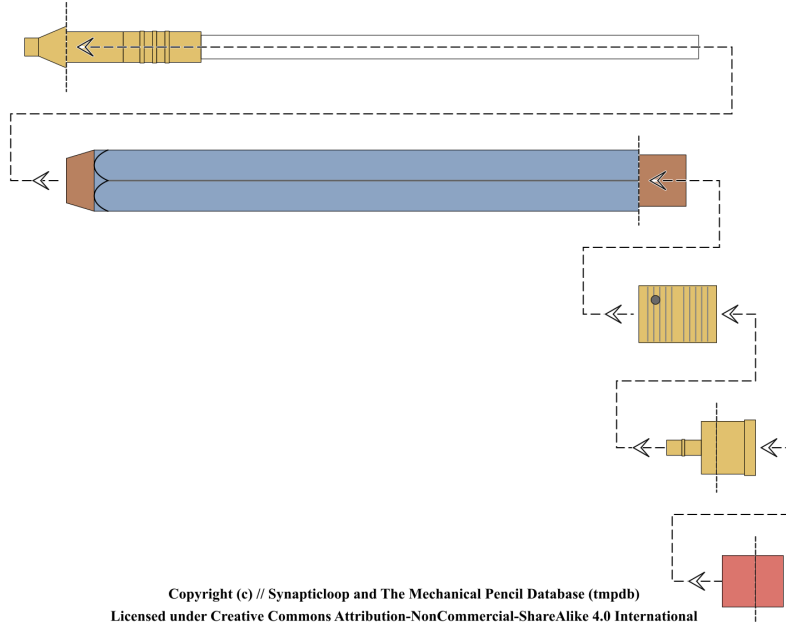
- Step 1:** The lead tip (yellow) is inserted into the lead holder (white).
- Step 2:** The lead holder is inserted into the main body (orange).
- Step 3:** The body is inserted into the eraser (brown).
- Step 4:** The eraser is inserted into the cap (yellow).
- Step 5:** The cap is inserted into the eraser.

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Components *(cont.)*

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)

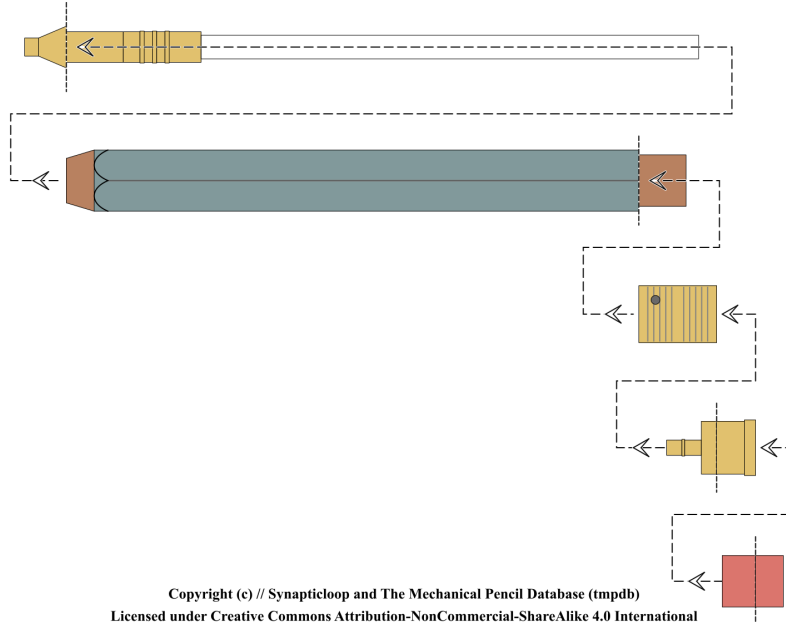


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Components *(cont.)*

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)

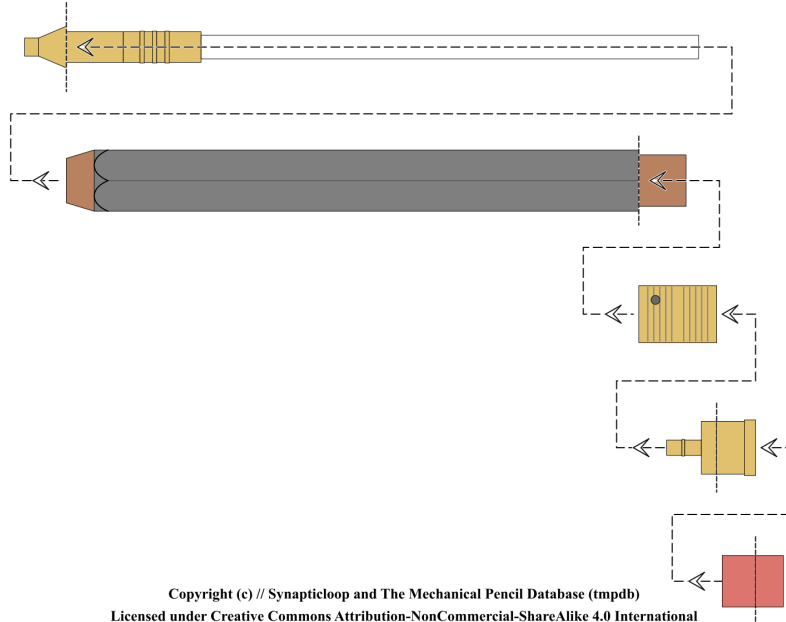


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Components *(cont.)*

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)

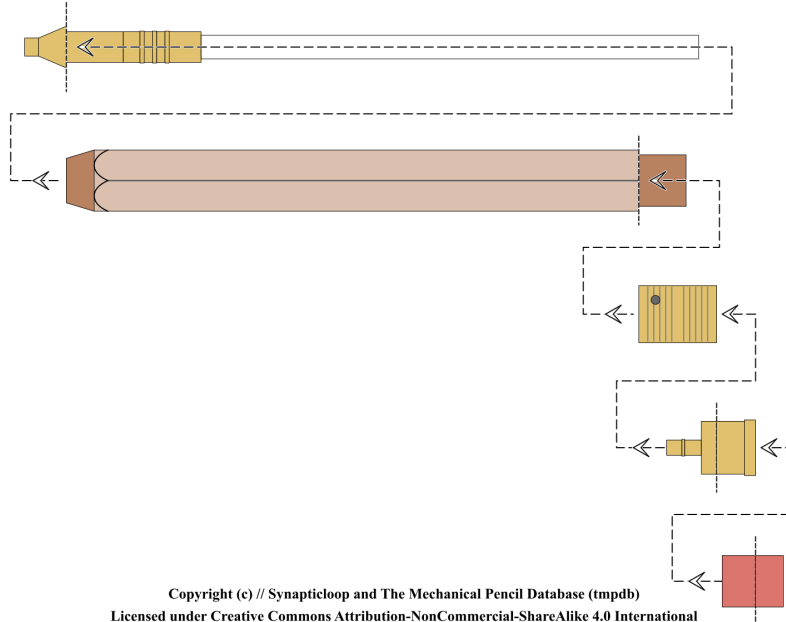


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Components *(cont.)*

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)

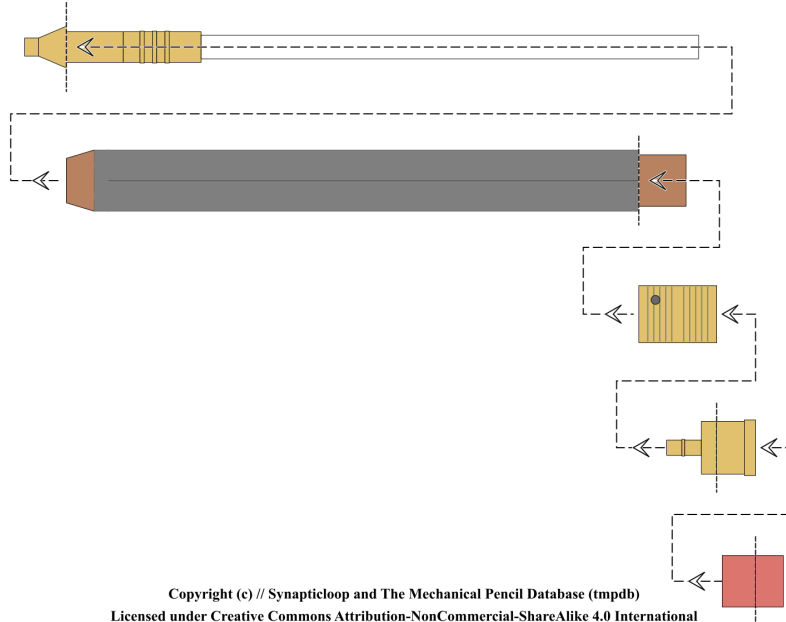


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Components *(cont.)*

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)



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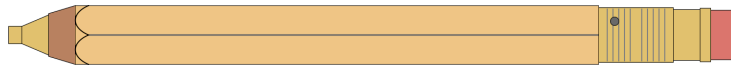
SVGTechnicalUploadRenderor

Colour variants

Variants are designated by the colour of the body

Colour	SKU	Render colour
#e38f0f	APS-680E-YL	#e38f0f
#1a4b88	APS-680E-BL	#1a4b88
#053439	APS-680E-GN	#053439
burgundy	APS-680E-EN	burgundy
#b88160	APS-680E-NT	#b88160
black	APS-680E-BK	black







body colour - yellow



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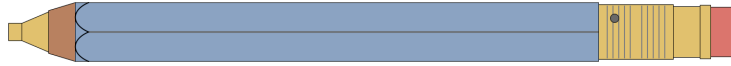
SVGPen@Render

Colours for individual components

Colour						
Colour name						
Render colour	yellow					
Component	tip	head	body	ferrule	cap	eraser

Colour variants *(cont.)*

body colour - blue



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SVGPencilRender

Colours for individual components

Colour						
Colour name						
Render colour	blue					
Component	tip	head	body	ferrule	cap	eraser

body colour - green



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SVGPencilRender

Colours for individual components

Colour						
Colour name						
Render colour	green					
Component	tip	head	body	ferrule	cap	eraser

body colour - burgundy

Colour variants *(cont.)*



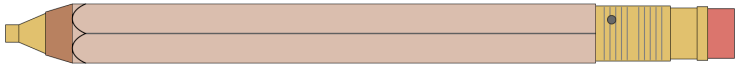
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Colours for individual components

Colour						
Colour name						
Render colour	burgundy					
Component	tip	head	body	ferrule	cap	eraser

body colour - wood



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Colours for individual components

Colour						
Colour name						
Render colour	wood					
Component	tip	head	body	ferrule	cap	eraser

body colour - black

Colour variants *(cont.)*



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SVGPencilRender

Colours for individual components

Colour						
Colour name						
Render colour	black					
Component	tip	head	body	ferrule	cap	eraser

Technical Drawing

OHTO // Sharp Pencil 2.0 (Model #: APS-680E)

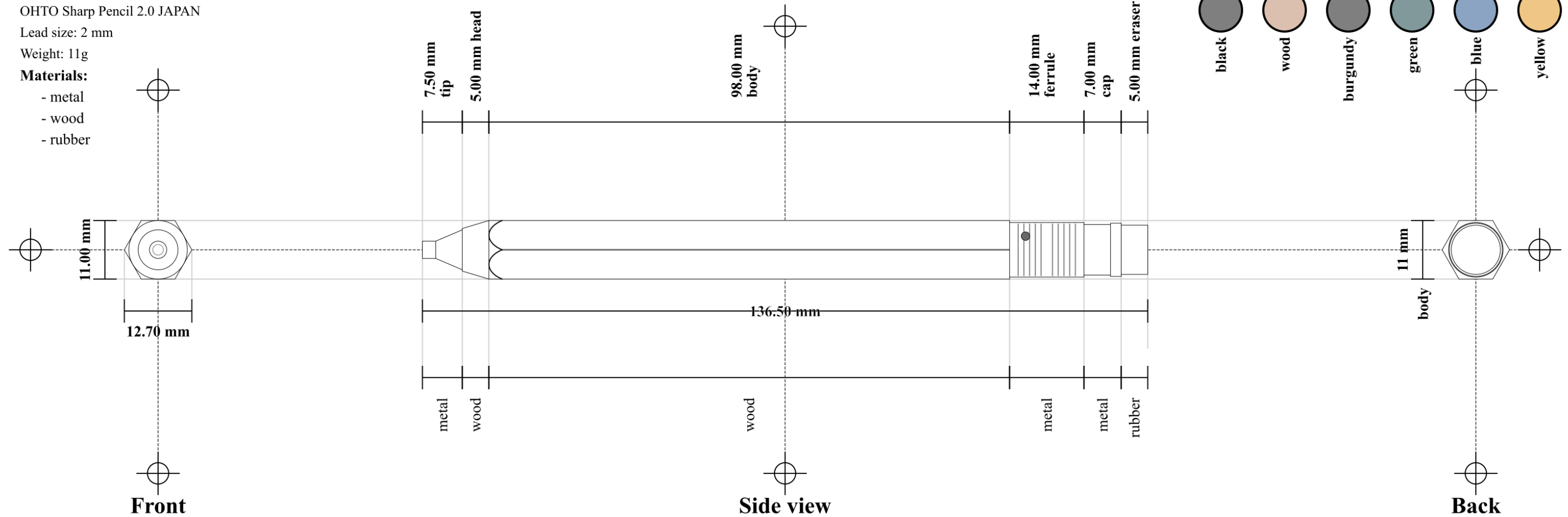
OHTO Sharp Pencil 2.0 JAPAN

Lead size: 2 mm

Weight: 11g

Materials:

- metal
- wood
- rubber



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SVGTechnicalRender

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