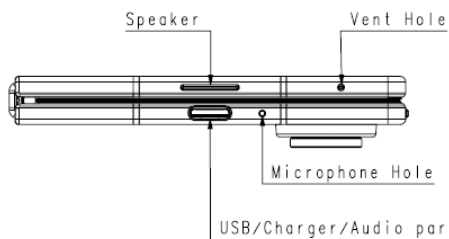
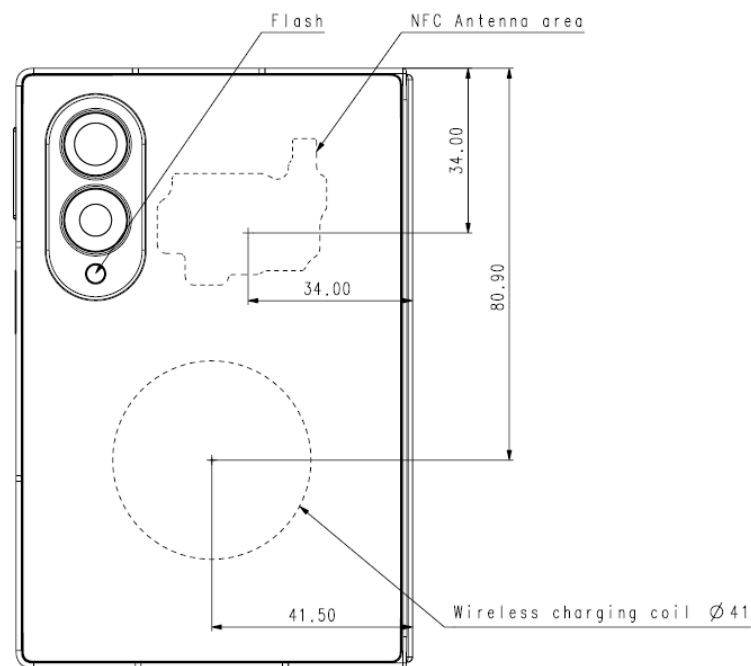
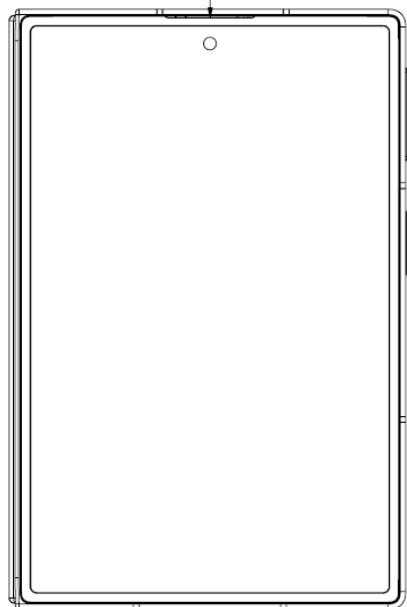


Receiver Part



[NOTE]

1. Do not block ports (USB/Charger/Audio port)
2. Do not block holes (Microphone, Speaker, Vent)
3. Do not block the image features (Camera, Flash)
4. Do not obstruct NFC Antenna and wireless charging coil area with metal or other conductive material

Projection	Scale	None	Galaxy Z Fold 8
	DWG Size	A3	
	Unit	mm	
	Sheet No.	1/1	

SAMSUNG

Galaxy Z Fold 8

① Magnet Position ($d_{\text{shift},y}$: 18.95mm)

- ② Cover Thickness ($d_{z,1}$: 1.25~1.89T) ($d_{z,1} = d_{z,2} + d_m + d_{z,3} + d_{z,air}$)

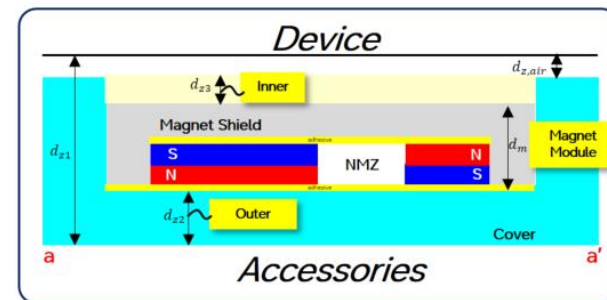
- The sum of $d_{z,air}$ and $d_{z,3}$ shall be $0.3T$,

③ Thickness of Magnet $\leftrightarrow$ Cover Surface ($d_{z,2}$: 0.35~0.75T)

- ④ Tilt Angle of 'A' Magnet (θ_{tilt})

- see 'Magnet Characteristics' page for details.

- θ_{tilt} may vary depending on the hall IC position of each model.



□ Key Dimension

	Spec
θ_{tilt} (Tol. $\pm 1^\circ$)	23°
$d_{\text{shift},y}$	18.95 mm
$d_{\text{shift},x}$	40.44 mm
$d_{z,1}$	1.25 ~ 1.89mm
$d_{z,2}$	0.35 ~ 0.75 mm (Max 0.75mm, minus tol. only)
$d_{z,3}+d_{z,\text{air}}$	0.3 mm

□ MPP Cover Guide #2

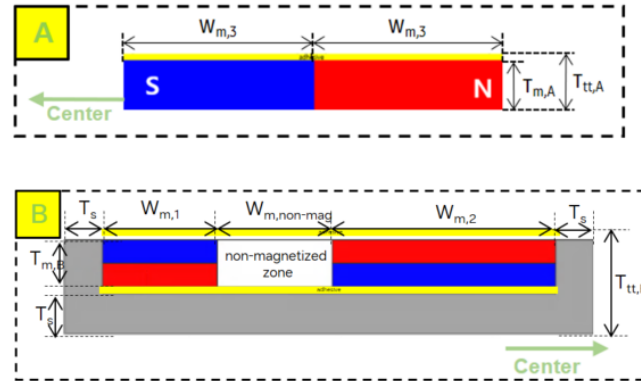
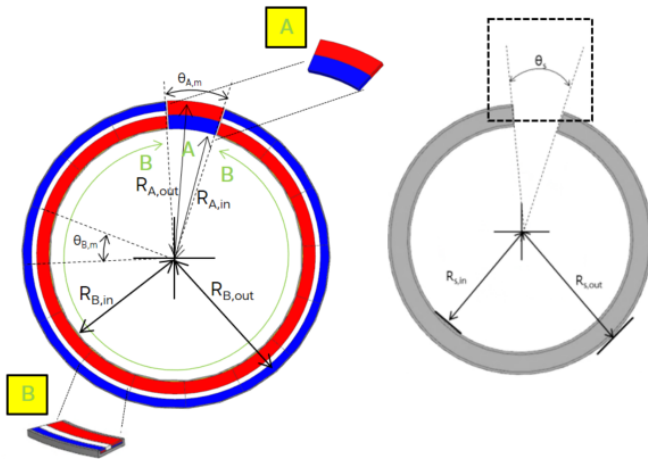
- ① 'A' Magnet is designed to prevent bridging in SPCC slit : Epoxy Coating & $\theta_{A,m}$ (21.5 °)
- ② Magnetized zone : Magnetized zone of 'B' Magnet is Asymmetric
- ③ 'A' and 'B' Magnet have different thickness : $T_{m,A}$ (0.7T) , $T_{m,B}$ (0.3T)
- ④ Magnet Shield Thickness and Material : T_s : 0.2T / SPCC (EGI)
- ⑤ Total Thickness : $T_{tt,A}$ / $T_{tt,B}$ includes adhesives applied to the cover

□ Key Dimension (Magnet Shield)

Material	SPCC (EGI)
θ_s	22.5°
$R_{s,in}$	22.8 mm
$R_{s,out}$	27.95 mm
Magnet Shield Width ($R_{s,out} - R_{s,in}$)	5.15mm
T_s	0.2 mm

□ Key Dimension (Magnet)

	Spec
Magnet Grade (Surface Finish)	A : N55SH (Epoxy) B : N55SH (Ni)
$\theta_{A,m} / \theta_{B,m}$	A : 21.5° B : 22.5°
$R_{A,in} / R_{A,out}$	22.8 / 27.95 mm
$R_{B,in} / R_{B,out}$	23.0 / 27.75 mm
$W_{m,1}$	1.6 mm
$W_{m,non-mag}$	0.9 mm
$W_{m,2}$	2.25 mm
$W_{m,3}$	2.575 mm
Magnet Width	A: 5.15 mm B : 4.75 mm
T_{adh} (magnet ↔ cover)	0.05 mm
$T_{m,A}$	0.7 mm
$T_{m,B}$	0.3 mm
T_{adh} (magnet ↔ SPCC)	0.05 mm
$T_{tt,A}$	0.75 mm
$T_{tt,B}$	0.6 mm



Projection 3rd ANGLE	SAMSUNG	Scale None	Galaxy Z Fold 8
		Unit mm	
		Sheet No. 1/1	