2. Ferrite Core
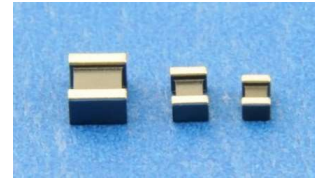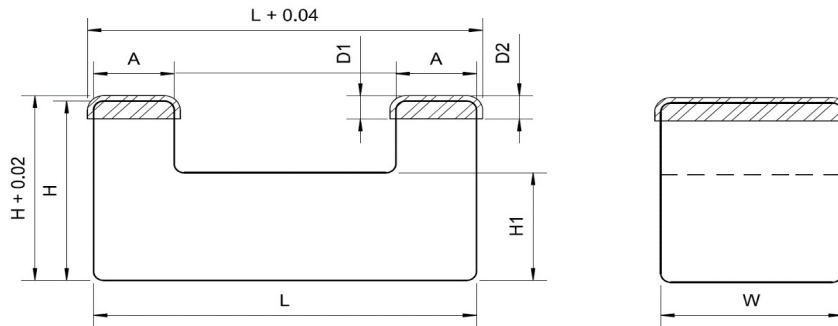
2.1 SWU Series： Ferrite Core for Chip Inductor

Features
1.Design for RF,EMI,Converter application chip inductor use.
2.High dimensional accuracy.
3.Flat termination & L - shape termination are available.
4.Do not contain lead & support lead-free soldering.

SWU(1H) Type

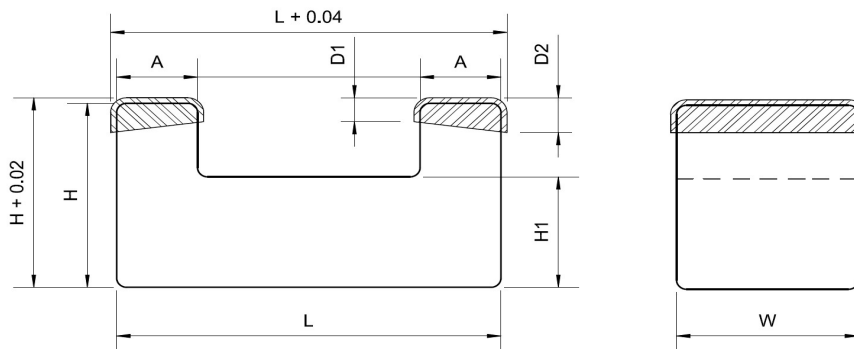### Flat Termination Spec

unit：mm

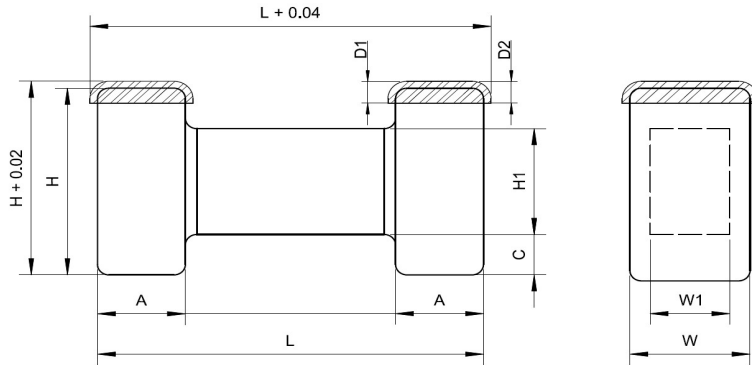| Item	L	W	H	H1	A	D1	D2
SWU2012□□	2.03	1.27	1.11	0.68	0.44	0.20 max	0.20 max
SWU2416□□	2.41	1.62	1.31	0.87	0.53	0.20 max	0.20 max
Tolerance	±0.05	±0.05	±0.05	±0.05	±0.05		

L - Shape Termination Spec

unit：mm

Item	L	W	H	H1	A	D1	D2
SWU1608□□	1.52	0.76	0.75	0.58	0.30	0.10 max	0.10~0.30
Tolerance	±0.05	±0.05	±0.05	±0.05	±0.05		

Terminal metallization with Ag + Ni + Sn / Au are available.

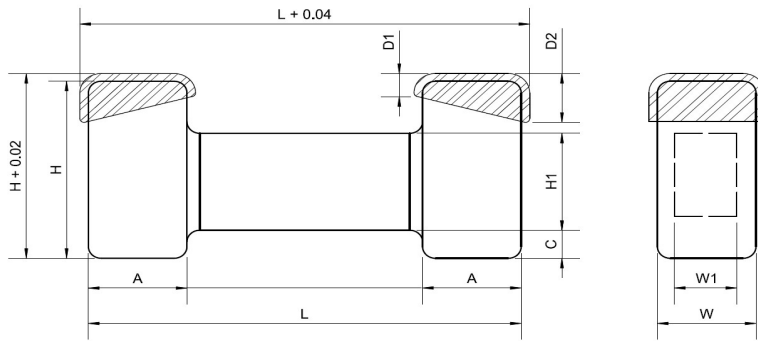## 2.2 SWI Series： Ferrite Core for Chip Inductor

SWI (4H) Type

Flat Termination Spec

unit：mm

Item	L	W	H	W1	H1	A	C	D1	D2
SWI1608□□	1.52	0.90	0.88	0.74	0.60	0.31	0.08	0.17 max	0.17 max
SWI2012□□	2.03	1.27	1.10	0.70	0.50	0.45	0.30	0.20 max	0.20 max
SWI2520□□	2.40	1.90	1.50	1.60	1.05	0.50	0.21	0.20 max	0.20 max
SWI3225□□	3.10	2.40	2.10	2.10	1.45	0.51	0.31	0.20 max	0.20 max
Tolerance	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05		

L - Shape Termination Spec

unit：mm

Item	L	W	H	W1	H1	A	C	D1	D2
SWI0604□□	0.50	0.37	0.37	0.23	0.23	0.10	0.070	0.07max	0.05 - 0.22
SWI1005□□	1.01	0.50	0.50	0.35	0.35	0.21	0.075	0.075 max	0.07~0.20
SWI1608□□	1.52	0.90	0.88	0.74	0.60	0.31	0.08	0.10 max	0.10~0.30
SWI2012□□	2.03	1.27	1.10	0.70	0.50	0.45	0.30	0.15 max	0.20~0.45
SWI2520□□	2.40	1.90	1.50	1.60	1.05	0.50	0.21	0.15 max	0.25~0.50
SWI3225□□	3.10	2.40	2.10	2.10	1.45	0.51	0.31	0.15 max	0.25~0.50
Tolerance	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	-	-

Terminal metallization with Ag + Ni + Sn / Au are available.

A&I M