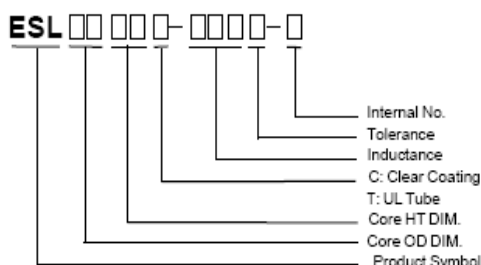


◆ DIP Peaking Chokes Coils – ESL0406 Series

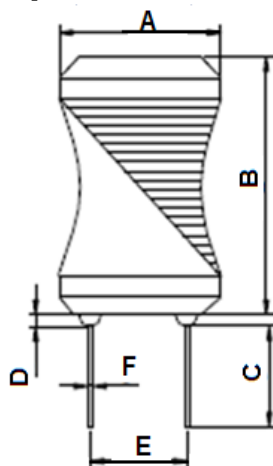
ESL0406 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	6.0MAX
B	9.0MAX
C	5.0±1.0
D	2.0MAX
E	2.0±0.5
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0406T-1R0M-N	1.0±20%	100K/0.3V	20	30.6m	3.2
ESL0406T-1R2M-N	1.2±20%	100K/0.3V	20	34.2m	3
ESL0406T-1R5M-N	1.5±20%	100K/0.3V	20	38.4m	2.7
ESL0406T-2R2M-N	2.2±20%	100K/0.3V	20	43.6m	2.5
ESL0406T-2R7M-N	2.7±20%	100K/0.3V	20	47.6m	2.4
ESL0406T-3R3M-N	3.3±20%	100K/0.3V	20	57.6m	2.1
ESL0406T-3R9M-N	3.9±20%	100K/0.3V	20	73.5m	2
ESL0406T-4R7M-N	4.7±20%	100K/0.3V	20	78.7m	1.7
ESL0406T-5R6M-N	5.6±20%	100K/0.3V	20	84.5m	1.6
ESL0406T-6R8M-N	6.8±20%	100K/0.3V	20	97.0m	1.5
ESL0406T-8R2M-N	8.2±20%	100K/0.3V	20	0.11	1.4
ESL0406T-100K-N	10±10%	1K/0.3V	35	0.13	1.3
ESL0406T-120K-N	12±10%	1K/0.3V	35	0.14	1.2
ESL0406T-150K-N	15±10%	1K/0.3V	29	0.18	1.1
ESL0406T-180K-N	18±10%	1K/0.3V	29	0.19	1
ESL0406T-220K-N	22±10%	1K/0.3V	29	0.21	0.92
ESL0406T-270K-N	27±10%	1K/0.3V	29	0.3	0.8
ESL0406T-330K-N	33±10%	1K/0.3V	25	0.35	0.76
ESL0406T-390K-N	39±10%	1K/0.3V	25	0.41	0.72
ESL0406T-470K-N	47±10%	1K/0.3V	25	0.46	0.64
ESL0406T-560K-N	56±10%	1K/0.3V	25	0.58	0.58
ESL0406T-680K-N	68±10%	1K/0.3V	23	0.64	0.52
ESL0406T-820K-N	82±10%	1K/0.3V	23	0.78	0.48
ESL0406T-101K-N	100±10%	1K/0.3V	33	0.9	0.46
ESL0406T-121K-N	120±10%	1K/0.3V	33	1.15	0.42
ESL0406T-151K-N	150±10%	1K/0.3V	33	1.22	0.38
ESL0406T-181K-N	180±10%	1K/0.3V	33	1.56	0.34
ESL0406T-221K-N	220±10%	1K/0.3V	50	2.04	0.28
ESL0406T-271K-N	270±10%	1K/0.3V	50	2.65	0.24
ESL0406T-331K-N	330±10%	1K/0.3V	65	3.48	0.22
ESL0406T-391K-N	390±10%	1K/0.3V	65	3.84	0.19
ESL0406T-471K-N	470±10%	1K/0.3V	65	5.05	0.18
ESL0406T-561K-N	560±10%	1K/0.3V	65	5.64	0.17
ESL0406T-681K-N	680±10%	1K/0.3V	65	6.24	0.15
ESL0406T-821K-N	820±10%	1K/0.3V	72	9.24	0.14
ESL0406T-102K-N	1000±10%	1K/0.3V	72	10.6	0.12

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

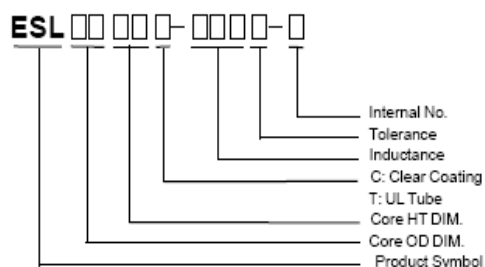


◆ DIP Peaking Chokes Coils – ESL0406 Series

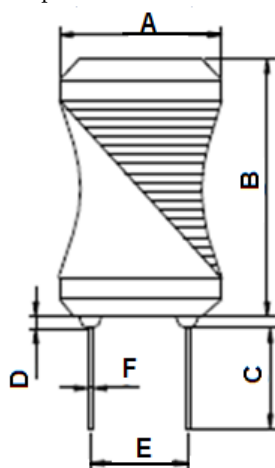
ESL0406 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	6.0MAX
B	9.0MAX
C	5.0±1.0
D	2.0MAX
E	2.0±0.5
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0406T-122K-N	1200±10%	1K/0.3V	72	11.8	0.11
ESL0406T-152K-N	1500±10%	1K/0.3V	72	16.6	0.1
ESL0406T-182K-N	1800±10%	1K/0.3V	72	18.6	90m
ESL0406T-222K-N	2200±10%	1K/0.3V	72	21.4	80m
ESL0406T-272K-N	2700±10%	1K/0.3V	72	31.2	70m
ESL0406T-332K-N	3300±10%	1K/0.3V	72	36	65m
ESL0406T-392K-N	3900±10%	1K/0.3V	72	39.7	60m
ESL0406T-472K-N	4700±10%	1K/0.3V	65	61.2	55m
ESL0406T-562K-N	5600±10%	1K/0.3V	65	68.4	50m
ESL0406T-682K-N	6800±10%	1K/0.3V	65	78.1	45m
ESL0406T-822K-N	8200±10%	1K/0.3V	65	89.5	40m
ESL0406T-103K-N	10000±10%	1K/0.3V	33	100	35m

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

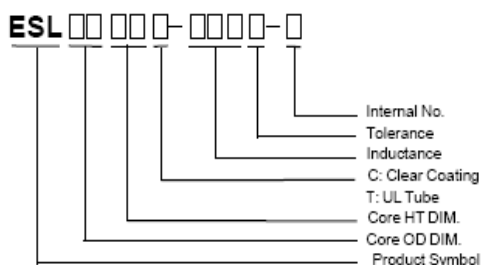
● IDC: CHEN HWA CH1061+301A

◆ DIP Peaking Chokes Coils – ESL0608 Series

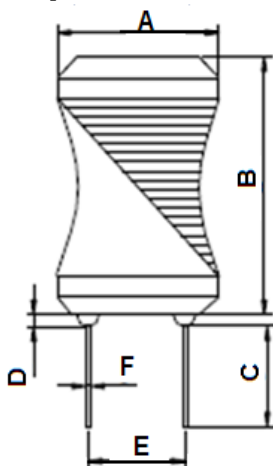
ESL0608 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	7.5MAX
B	10.0MAX
C	5.0±1.0
D	2.0MAX
E	3.0±0.5
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0608T-1R0M-N	1.0±20%	100K/0.3V	15	8.6m	6.2
ESL0608T-1R2M-N	1.2±20%	100K/0.3V	15	10.0m	5.2
ESL0608T-1R5M-N	1.5±20%	100K/0.3V	15	13.2m	4.8
ESL0608T-2R2M-N	2.2±20%	100K/0.3V	15	14.7m	4.1
ESL0608T-2R7M-N	2.7±20%	100K/0.3V	15	16.5m	3.8
ESL0608T-3R3M-N	3.3±20%	100K/0.3V	15	18.5m	3.5
ESL0608T-3R9M-N	3.9±20%	100K/0.3V	15	20.0m	3.2
ESL0608T-4R7M-N	4.7±20%	100K/0.3V	15	21.7m	2.9
ESL0608T-5R6M-N	5.6±20%	100K/0.3V	15	25.0m	2.5
ESL0608T-6R8M-N	6.8±20%	100K/0.3V	15	32.2m	2.3
ESL0608T-8R2M-N	8.2±20%	100K/0.3V	15	37.7m	2.1
ESL0608T-100K-N	10±10%	1K/0.3V	50	40.7m	2
ESL0608T-120K-N	12±10%	1K/0.3V	50	46.0m	1.7
ESL0608T-150K-N	15±10%	1K/0.3V	50	53.0m	1.6
ESL0608T-180K-N	18±10%	1K/0.3V	40	58.2m	1.4
ESL0608T-220K-N	22±10%	1K/0.3V	40	66.7m	1.3
ESL0608T-270K-N	27±10%	1K/0.3V	40	77.0m	1.2
ESL0608T-330K-N	33±10%	1K/0.3V	40	0.1	1
ESL0608T-390K-N	39±10%	1K/0.3V	35	0.11	0.96
ESL0608T-470K-N	47±10%	1K/0.3V	35	0.14	0.88
ESL0608T-560K-N	56±10%	1K/0.3V	35	0.16	0.8
ESL0608T-680K-N	68±10%	1K/0.3V	30	0.2	0.77
ESL0608T-820K-N	82±10%	1K/0.3V	30	0.23	0.7
ESL0608T-101K-N	100±10%	1K/0.3V	20	0.26	0.64
ESL0608T-121K-N	120±10%	1K/0.3V	20	0.3	0.58
ESL0608T-151K-N	150±10%	1K/0.3V	20	0.38	0.53
ESL0608T-181K-N	180±10%	1K/0.3V	20	0.48	0.48
ESL0608T-221K-N	220±10%	1K/0.3V	25	0.6	0.43
ESL0608T-271K-N	270±10%	1K/0.3V	25	0.76	0.39
ESL0608T-331K-N	330±10%	1K/0.3V	20	0.88	0.35
ESL0608T-391K-N	390±10%	1K/0.3V	20	1.1	0.33
ESL0608T-471K-N	470±10%	1K/0.3V	20	1.2	0.3
ESL0608T-561K-N	560±10%	1K/0.3V	20	1.4	0.27
ESL0608T-681K-N	680±10%	1K/0.3V	20	1.8	0.24
ESL0608T-821K-N	820±10%	1K/0.3V	20	2	0.22
ESL0608T-102K-N	1000±10%	1K/0.3V	55	2.5	0.2

● IDC for inductance drop 15% from its value without current and a 40°C rise above temperature 25°C ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

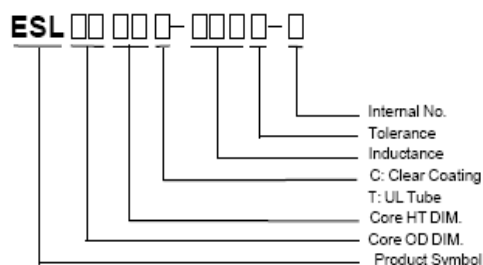


◆ DIP Peaking Chokes Coils – ESL0608 Series

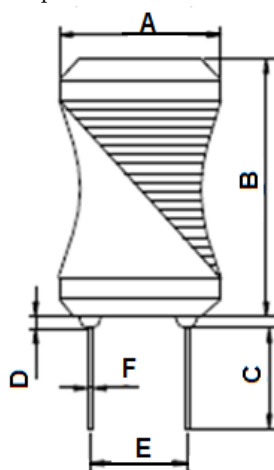
ESL0608 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	7.5MAX
B	10.0MAX
C	5.0±1.0
D	2.0MAX
E	3.0±0.5
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0608T-122K-N	1200±10%	1K/0.3V	65	3	0.18
ESL0608T-152K-N	1500±10%	1K/0.3V	60	3.1	0.17
ESL0608T-182K-N	1800±10%	1K/0.3V	65	4.5	0.15
ESL0608T-222K-N	2200±10%	1K/0.3V	60	6	0.14
ESL0608T-272K-N	2700±10%	1K/0.3V	65	6.5	0.12
ESL0608T-332K-N	3300±10%	1K/0.3V	70	8.4	0.11
ESL0608T-392K-N	3900±10%	1K/0.3V	90	11	0.1
ESL0608T-472K-N	4700±10%	1K/0.3V	80	13	95m
ESL0608T-562K-N	5600±10%	1K/0.3V	80	15	85m
ESL0608T-682K-N	6800±10%	1K/0.3V	80	17	80m
ESL0608T-822K-N	8200±10%	1K/0.3V	85	23	70m
ESL0608T-103K-N	10000±10%	1K/0.3V	85	30	60m
ESL0608T-123K-N	12000±10%	1K/0.3V	85	33	55m
ESL0608T-153K-N	15000±10%	1K/0.3V	85	39	50m
ESL0608T-183K-N	18000±10%	1K/0.3V	85	53	45m
ESL0608T-223K-N	22000±10%	1K/0.3V	85	61	40m
ESL0608T-273K-N	27000±10%	1K/0.3V	85	82	35m
ESL0608T-333K-N	33000±10%	1K/0.3V	85	93	30m
ESL0608T-393K-N	39000±10%	1K/0.3V	85	105	25m
ESL0608T-473K-N	47000±10%	1K/0.3V	85	120	20m

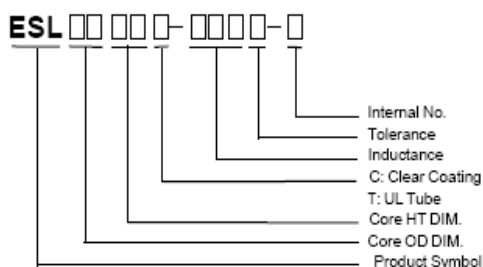
- IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient
- L & Q: HP4285+HP42851A
- RDC: CHEN HWA502BC
- IDC: CHEN HWA CH1061+301A

◆ DIP Peaking Chokes Coils – ESL0810 Series

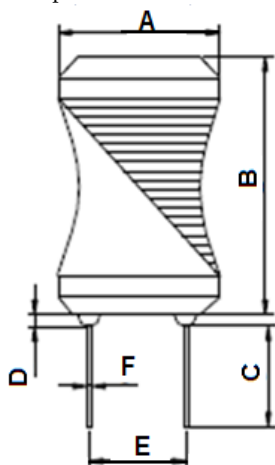
ESL0810 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	9.5MAX
B	12.0MAX
C	5.0±1.0
D	2.0MAX
E	5.0±1.0
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0810T-2R2M-N	2.2±20%	100K/0.3V	15	9.5m	7
ESL0810T-2R7M-N	2.7±20%	100K/0.3V	15	10.7m	6.7
ESL0810T-3R3M-N	3.3±20%	100K/0.3V	15	12.2m	5.8
ESL0810T-3R9M-N	3.9±20%	100K/0.3V	15	14.0m	5.4
ESL0810T-4R7M-N	4.7±20%	100K/0.3V	15	15.5m	5.1
ESL0810T-5R6M-N	5.6±20%	100K/0.3V	15	17.2m	4.7
ESL0810T-6R8M-N	6.8±20%	100K/0.3V	15	18.5m	4.3
ESL0810T-8R2M-N	8.2±20%	100K/0.3V	15	23.5m	4
ESL0810T-100K-N	10±10%	1K/0.3V	65	27.0m	3.6
ESL0810T-120K-N	12±10%	1K/0.3V	60	31.5m	3.1
ESL0810T-150K-N	15±10%	1K/0.3V	60	36.0m	2.8
ESL0810T-180K-N	18±10%	1K/0.3V	60	40.5m	2.6
ESL0810T-220K-N	22±10%	1K/0.3V	50	45.0m	2.5
ESL0810T-270K-N	27±10%	1K/0.3V	50	61.0m	2.2
ESL0810T-330K-N	33±10%	1K/0.3V	45	70.0m	2
ESL0810T-390K-N	39±10%	1K/0.3V	45	75.5m	1.8
ESL0810T-470K-N	47±10%	1K/0.3V	40	86.5m	1.7
ESL0810T-560K-N	56±10%	1K/0.3V	40	0.12	1.5
ESL0810T-680K-N	68±10%	1K/0.3V	35	0.13	1.4
ESL0810T-820K-N	82±10%	1K/0.3V	35	0.15	1.2
ESL0810T-101K-N	100±10%	1K/0.3V	35	0.18	1.1
ESL0810T-121K-N	120±10%	1K/0.3V	25	0.2	1
ESL0810T-151K-N	150±10%	1K/0.3V	25	0.26	0.96
ESL0810T-181K-N	180±10%	1K/0.3V	23	0.3	0.88
ESL0810T-221K-N	220±10%	1K/0.3V	23	0.41	0.78
ESL0810T-271K-N	270±10%	1K/0.3V	23	0.46	0.72
ESL0810T-331K-N	330±10%	1K/0.3V	15	0.53	0.66
ESL0810T-391K-N	390±10%	1K/0.3V	15	0.63	0.62
ESL0810T-471K-N	470±10%	1K/0.3V	15	0.71	0.56
ESL0810T-561K-N	560±10%	1K/0.3V	15	0.88	0.5
ESL0810T-681K-N	680±10%	1K/0.3V	15	1.1	0.46
ESL0810T-821K-N	820±10%	1K/0.3V	15	1.2	0.42
ESL0810T-102K-N	1000±10%	1K/0.3V	25	1.5	0.38
ESL0810T-122K-N	1200±10%	1K/0.3V	33	1.9	0.34
ESL0810T-152K-N	1500±10%	1K/0.3V	33	2.2	0.32
ESL0810T-182K-N	1800±10%	1K/0.3V	33	2.7	0.28

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

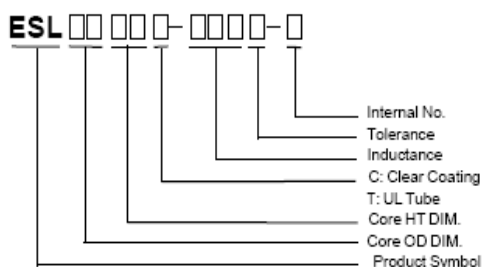


◆ DIP Peaking Chokes Coils – ESL0810 Series

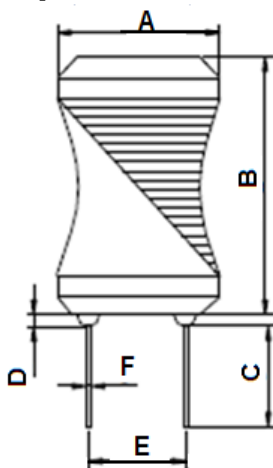
ESL0810 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	9.5MAX
B	12.0MAX
C	5.0±1.0
D	2.0MAX
E	5.0±1.0
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	Q Min	D.C Resistance (Ω) Max	IDC (A)
ESL0810T-222K-N	2200±10%	1K/0.3V	33	3.4	0.26
ESL0810T-272K-N	2700±10%	1K/0.3V	45	4.3	0.22
ESL0810T-332K-N	3300±10%	1K/0.3V	45	5	0.21
ESL0810T-392K-N	3900±10%	1K/0.3V	45	6	0.19
ESL0810T-472K-N	4700±10%	1K/0.3V	45	7.2	0.17
ESL0810T-562K-N	5600±10%	1K/0.3V	45	8.2	0.15
ESL0810T-682K-N	6800±10%	1K/0.3V	45	10	0.14
ESL0810T-822K-N	8200±10%	1K/0.3V	45	13	0.13
ESL0810T-103K-N	10000±10%	1K/0.3V	90	15	0.11
ESL0810T-123K-N	12000±10%	1K/0.3V	90	18	0.1
ESL0810T-153K-N	15000±10%	1K/0.3V	90	25	90m
ESL0810T-183K-N	18000±10%	1K/0.3V	90	30	80m
ESL0810T-223K-N	22000±10%	1K/0.3V	90	35	70m
ESL0810T-273K-N	27000±10%	1K/0.3V	90	47	65m
ESL0810T-333K-N	33000±10%	1K/0.3V	90	54	60m
ESL0810T-393K-N	39000±10%	1K/0.3V	65	71	55m
ESL0810T-473K-N	47000±10%	1K/0.3V	65	81	50m
ESL0810T-563K-N	56000±10%	1K/0.3V	65	92	45m
ESL0810T-683K-N	68000±10%	1K/0.3V	52	125	40m
ESL0810T-823K-N	82000±10%	1K/0.3V	52	142	35m
ESL0810T-104K-N	100000±10%	1K/0.3V	52	192	30m

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

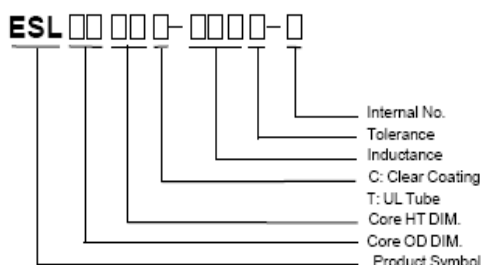


◆ DIP Peaking Chokes Coils – ESL1012 Series

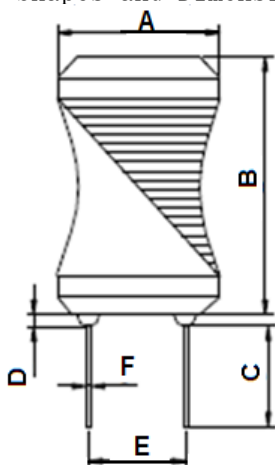
ESL1012 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	11.5MAX
B	14.0MAX
C	5.0±1.0
D	2.5MAX
E	5.0±1.0
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	SRF (MHz)min	D.C Resistance (Ω) Max	IDC (A)
ESL1012T-3R9M-N	3.9±20%	100K/0.3V	62	11m	8.6
ESL1012T-4R7M-N	4.7±20%	100K/0.3V	52	12m	8.3
ESL1012T-5R6M-N	5.6±20%	100K/0.3V	40	13m	7.7
ESL1012T-6R8M-N	6.8±20%	100K/0.3V	33	15m	7.3
ESL1012T-8R2M-N	8.2±20%	100K/0.3V	27	16m	6.8
ESL1012T-100K-N	10±10%	1K/0.3V	19.5	18m	6.4
ESL1012T-120K-N	12±10%	1K/0.3V	16.9	19m	6.1
ESL1012T-150K-N	15±10%	1K/0.3V	13.5	25m	5.4
ESL1012T-180K-N	18±10%	1K/0.3V	13	28m	5.3
ESL1012T-220K-N	22±10%	1K/0.3V	12.5	30m	5
ESL1012T-270K-N	27±10%	1K/0.3V	9.8	36m	4.5
ESL1012T-330K-N	33±10%	1K/0.3V	9.1	45m	4
ESL1012T-390K-N	39±10%	1K/0.3V	8.3	51m	3.7
ESL1012T-470K-N	47±10%	1K/0.3V	7.8	56m	3.5
ESL1012T-560K-N	56±10%	1K/0.3V	7	71m	3.1
ESL1012T-680K-N	68±10%	1K/0.3V	6	81m	2.9
ESL1012T-820K-N	82±10%	1K/0.3V	5.2	103m	2.4
ESL1012T-101K-N	100±10%	1K/0.3V	4.7	0.13	2.1
ESL1012T-121K-N	120±10%	1K/0.3V	4.3	0.14	2
ESL1012T-151K-N	150±10%	1K/0.3V	4.1	0.17	1.9
ESL1012T-181K-N	180±10%	1K/0.3V	3.5	0.22	1.6
ESL1012T-221K-N	220±10%	1K/0.3V	3.2	0.24	1.5
ESL1012T-271K-N	270±10%	1K/0.3V	2.8	0.32	1.3
ESL1012T-331K-N	330±10%	1K/0.3V	2.5	0.37	1.2
ESL1012T-391K-N	390±10%	1K/0.3V	2.4	0.44	1.1
ESL1012T-471K-N	470±10%	1K/0.3V	2	0.56	0.96
ESL1012T-561K-N	560±10%	1K/0.3V	1.9	0.63	0.88
ESL1012T-681K-N	680±10%	1K/0.3V	1.8	0.76	0.8
ESL1012T-821K-N	820±10%	1K/0.3V	1.6	0.9	0.76
ESL1012T-102K-N	1000±10%	1K/0.3V	1.5	1.1	0.7
ESL1012T-122K-N	1200±10%	1K/0.3V	1.3	1.3	0.63
ESL1012T-152K-N	1500±10%	1K/0.3V	1.1	1.6	0.56
ESL1012T-182K-N	1800±10%	1K/0.3V	1	1.9	0.5
ESL1012T-222K-N	2200±10%	1K/0.3V	0.97	2.4	0.45
ESL1012T-272K-N	2700±10%	1K/0.3V	0.84	3	0.38
ESL1012T-332K-N	3300±10%	1K/0.3V	0.76	3.7	0.37

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

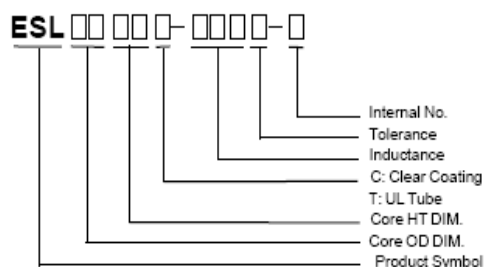


◆ DIP Peaking Chokes Coils – ESL1012 Series

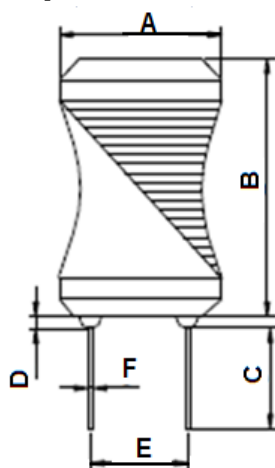
ESL1012 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	11.5MAX
B	14.0MAX
C	5.0±1.0
D	2.5MAX
E	5.0±1.0
F	0.6REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	SRF (MHz)min	D.C Resistance (Ω) Max	IDC (A)
ESL1012T-392K-N	3900±10%	1K/0.3V	0.73	4.6	0.34
ESL1012T-472K-N	4700±10%	1K/0.3V	0.66	5.5	0.3
ESL1012T-562K-N	5600±10%	1K/0.3V	0.63	6.2	0.28
ESL1012T-682K-N	6800±10%	1K/0.3V	0.49	7.3	0.26
ESL1012T-822K-N	8200±10%	1K/0.3V	0.47	9.2	0.22
ESL1012T-103K-N	10000±10%	1K/0.3V	0.4	11.5	0.21
ESL1012T-123K-N	12000±10%	1K/0.3V	0.38	13	0.2
ESL1012T-153K-N	15000±10%	1K/0.3V	0.35	16	0.17
ESL1012T-183K-N	18000±10%	1K/0.3V	0.32	18.6	0.16
ESL1012T-223K-N	22000±10%	1K/0.3V	0.3	24.4	0.14
ESL1012T-273K-N	27000±10%	1K/0.3V	0.27	28.8	0.13
ESL1012T-333K-N	33000±10%	1K/0.3V	0.26	41	0.11
ESL1012T-393K-N	39000±10%	1K/0.3V	0.25	46.5	0.1
ESL1012T-473K-N	47000±10%	1K/0.3V	0.21	57	90m
ESL1012T-563K-N	56000±10%	1K/0.3V	0.19	67	80m
ESL1012T-683K-N	68000±10%	1K/0.3V	0.18	97	70m
ESL1012T-823K-N	82000±10%	1K/0.3V	0.17	111	65m
ESL1012T-104K-N	100000±10%	1K/0.3V	0.16	130	60m

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

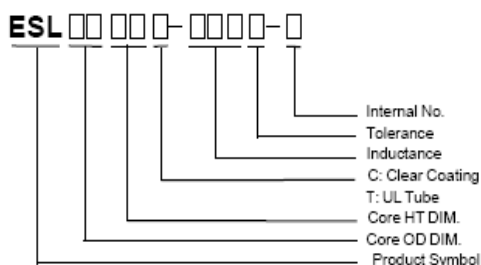


◆ DIP Peaking Chokes Coils–ESL1016 Series

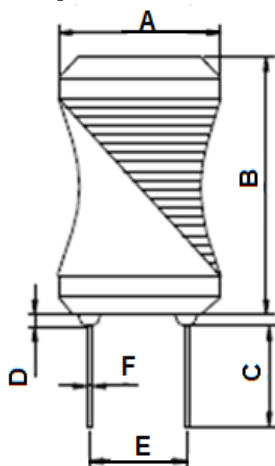
ESL1016 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	11.5MAX
B	18.0MAX
C	5.0±1.0
D	2.5MAX
E	6.0±1.0
F	0.8REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	SRF (MHz)min	D.C Resistance (Ω) Max	IDC (A)
ESL1016T-100K-N	10±10%	1K/0.3V	30	18m	6.8
ESL1016T-120K-N	12±10%	1K/0.3V	26	19m	6.2
ESL1016T-150K-N	15±10%	1K/0.3V	22	22m	5.4
ESL1016T-180K-N	18±10%	1K/0.3V	15	24m	5.0
ESL1016T-220K-N	22±10%	1K/0.3V	11	26m	4.7
ESL1016T-270K-N	27±10%	1K/0.3V	8.2	30m	4.2
ESL1016T-330K-N	33±10%	1K/0.3V	7.7	37m	3.8
ESL1016T-390K-N	39±10%	1K/0.3V	7.3	42m	3.5
ESL1016T-470K-N	47±10%	1K/0.3V	6.7	46m	3.2
ESL1016T-560K-N	56±10%	1K/0.3V	6.2	51m	3.0
ESL1016T-680K-N	68±10%	1K/0.3V	5.4	65m	2.6
ESL1016T-820K-N	82±10%	1K/0.3V	4.7	74m	2.4
ESL1016T-101K-N	100±10%	1K/0.3V	4.3	84m	2.2
ESL1016T-121K-N	120±10%	1K/0.3V	3.7	0.11	2.0
ESL1016T-151K-N	150±10%	1K/0.3V	3.2	0.12	1.8
ESL1016T-181K-N	180±10%	1K/0.3V	2.9	0.13	1.6
ESL1016T-221K-N	220±10%	1K/0.3V	2.7	0.17	1.4
ESL1016T-271K-N	270±10%	1K/0.3V	2.3	0.23	1.3
ESL1016T-331K-N	330±10%	1K/0.3V	1.9	0.31	1.2
ESL1016T-391K-N	390±10%	1K/0.3V	1.8	0.34	1.1
ESL1016T-471K-N	470±10%	1K/0.3V	1.7	0.39	1.0
ESL1016T-561K-N	560±10%	1K/0.3V	1.6	0.43	0.9
ESL1016T-681K-N	680±10%	1K/0.3V	1.4	0.59	0.82
ESL1016T-821K-N	820±10%	1K/0.3V	1.3	0.65	0.77
ESL1016T-102K-N	1000±10%	1K/0.3V	1.1	0.85	0.69
ESL1016T-122K-N	1200±10%	1K/0.3V	1.0	1.0	0.64
ESL1016T-152K-N	1500±10%	1K/0.3V	0.94	1.1	0.57
ESL1016T-182K-N	1800±10%	1K/0.3V	0.88	1.4	0.52
ESL1016T-222K-N	2200±10%	1K/0.3V	0.73	1.7	0.46
ESL1016T-272K-N	2700±10%	1K/0.3V	0.69	2	0.42
ESL1016T-332K-N	3300±10%	1K/0.3V	0.62	2.5	0.38
ESL1016T-392K-N	3900±10%	1K/0.3V	0.59	2.8	0.34
ESL1016T-472K-N	4700±10%	1K/0.3V	0.52	3.6	0.32
ESL1016T-562K-N	5600±10%	1K/0.3V	0.45	4.5	0.29
ESL1016T-682K-N	6800±10%	1K/0.3V	0.43	5.1	0.26
ESL1016T-822K-N	8200±10%	1K/0.3V	0.4	6.7	0.24

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q: HP4285+HP42851A

● RDC: CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A



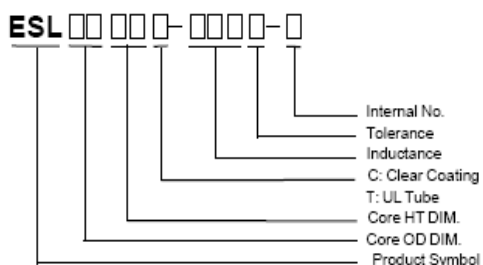
SUZHOU LYE ELECTRONICSCO., LTD 234

◆ DIP Peaking Chokes Coils–ESL1016 Series

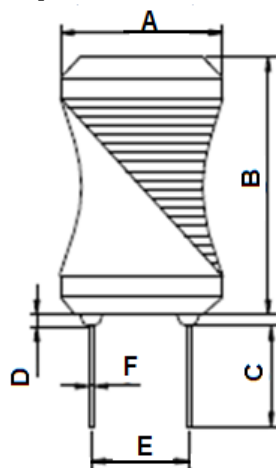
ESL1016 Series



Product Identification



Shapes and Dimensions



Dimension in mm

A	11.5MAX
B	18.0MAX
C	5.0±1.0
D	2.5MAX
E	6.0±1.0
F	0.8REF

Note:

- lead-free
- LYE uses UL tube on ESL series to avoid damage when wave soldering.
- Customized specifications are also welcome.

Features

- Low cost
- Wide range of inductance
- High reliability

Electrical Parameters

Part Number	Inductance (uH)	Test Frequency (Hz)	SRF (MHz)min	D.C Resistance (Ω) Max	IDC (A)
ESL1016T-103K-N	10000±10%	1K/0.3V	0.37	7.7	0.22
ESL1016T-123K-N	12000±10%	1K/0.3V	0.34	9.2	0.2
ESL1016T-153K-N	15000±10%	1K/0.3V	0.27	11.3	0.17
ESL1016T-183K-N	18000±10%	1K/0.3V	0.25	14.2	0.16
ESL1016T-223K-N	22000±10%	1K/0.3V	0.22	18.0	0.14
ESL1016T-273K-N	27000±10%	1K/0.3V	0.21	20.5	0.13
ESL1016T-104K-N	100000±10%	1K/0.3V	0.1	82.4	0.06

● IDC for inductance drop 15% from its value without current and a 40℃ rise above temperature 25℃ ambient

● L & Q:HP4285+HP42851A

● RDC:CHEN HWA502BC

● IDC: CHEN HWA CH1061+301A

