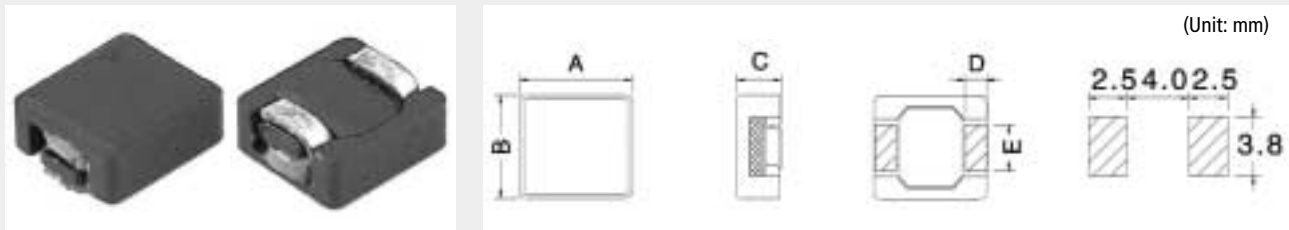


POWER INDUCTOR (SHIELDED)

POWER CHOKE (HIGH CURRENT) - SE73H SERIES

EXTERNAL DIMENSIONS



Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Irate DC current rating at 40°C temperature raise (typical).
- I_{max} DC current rating at 80°C temperature raise (typical).
- Operating Temperature Range : -25°C to +125°C.

Features

- Uses the latest state of the art fine rectangular magnet wire construction.
- Super low resistance, ultra high current rating.
- Suitable for lead free soldering.

Applications

- For power line DC-DC conversion applications used in notebook computers and other handheld electronic equipment.

Part Number	A (±0.3mm)	B (±0.3mm)	C (±0.3mm)	D (±0.15mm)	E (±0.5mm)
SE73H-R10N	7.4	6.7	3.4	1.27	3.0
SE73H-R22N	7.4	6.7	3.5		
SE73H-R39N	7.4	6.7	3.5		
SE73H-R62M	7.4	6.7	3.2		
SE73H-1R0M	7.4	6.7	3.3		
SE73H-1R3M	7.4	6.7	3.3		

Specifications

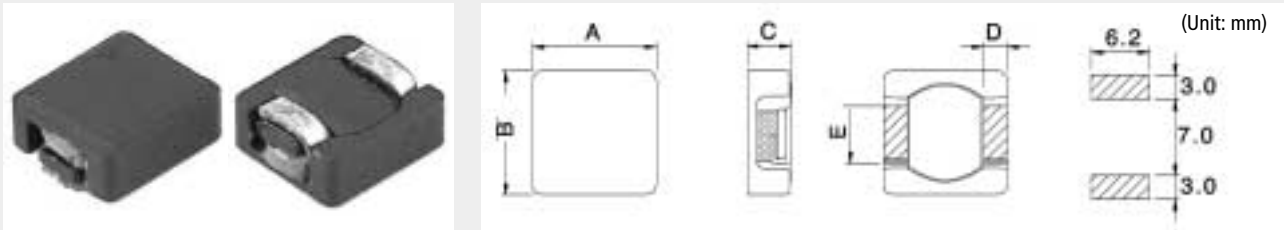
Part Number	Inductance (μH)	I _{rate} (A)	ΔL/L0 @ I _{rate}	I _{max} (A)	DC Resistance (mΩ max.)
SE73H-R10N	0.10	25.5	≤20%	32	1.5
SE73H-R22N	0.22	22	≤25%	28	2.0
SE73H-R39N	0.39	19	≤30%	23	3.4
SE73H-R62M	0.62	11	≤25%	15	9.7
SE73H-1R0M	1.0	10.5	≤30%	13.5	11.0
SE73H-1R3M	1.3	9.5	≤30%	12	12.2

NOTE: □ Tolerance value: M= ± 20%, N= ± 30%.

POWER INDUCTOR (SHIELDED)

POWER CHOKE (HIGH CURRENT) - SE124H/125H

EXTERNAL DIMENSIONS



Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Irate DC current rating at 50°C temperature raise (typical).
- I_{max} DC current rating at 100°C temperature raise (typical).
- Operating Temperature Range : -25°C to +125°C.
- Suitable for lead free soldering.

Part Number	A (±0.3mm)	B (±0.3mm)	C (±0.3mm)	D (±0.15mm)	E (±0.5mm)
SE124H-R30N	12.8	12.8	4.4	2.2	5.6
SE124H-R67M					
SE124H-1R2M					
SE125H-R50M	12.8	12.8	4.9	2.3	
SE125H-1R0M					
SE125H-1R7M					
SE125H-2R4M					

Specifications

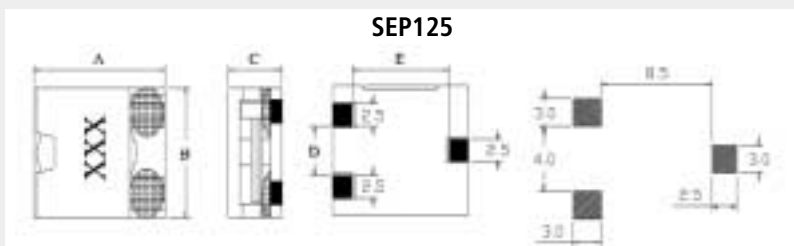
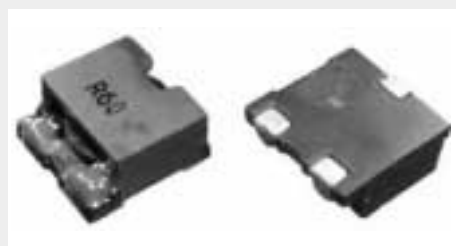
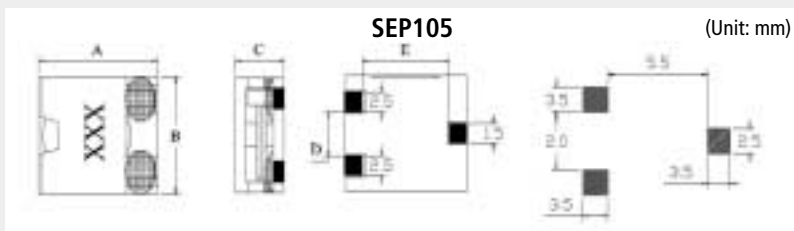
Part Number	Inductance (μH)	I _{rate} (A)	ΔL/L ₀ @ I _{rate}	I _{max} (A)	DC Resistance (mΩ max.)
SE124H-R30N	0.3	28	≤20%	40	1.88
SE124H-R67M	0.67	29	≤25%	37	3.00
SE124H-1R2M	1.2	18	≤25%	25	4.00
SE125H-R50M	0.5	30	≤20%	37	2.65
SE125H-1R0M	1.0	25	≤25%	35	3.80
SE125H-1R7M	1.7	18	≤25%	24	5.00
SE125H-2R4M	2.4	18	≤30%	23	5.60

NOTE: □ Tolerance value: M= ± 20%, N= ± 30%.

COMMON MODE CHOKES / TRANSFORMER

POWER CHOKE (HIGH CURRENT) - SEP105/SEP125 SERIES

EXTERNAL DIMENSIONS



Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Irate DC current rating at 40°C temperature raise (typical).
- Imax DC current rating at 80°C temperature raise (typical).
- Operating Temperature Range : -25°C to +125°C.

Features

- Uses the latest state of the art fine rectangular magnet wire construction.
- Super low resistance, ultra high current rating.

Applications

- For power line DC-DC conversion applications used in notebook computers and other handheld electronic equipment.

Solder Land Information

Type	A	B	C	D	E
SEP105	10.5 max.	10.5 max.	5.8 max.	2.7	6.0
SEP125	13.2 max.	12.9 max.	6.0 max.	4.4	9.0

Specifications

Part Number	Inductance (μH)	Irate (A)	L/L0 @ Irate	Imax (A)	DC Resistance (mΩ max.)
SEP105-R60M	0.6	21	≤20%	13	2.0 TYP.
SEP125-R60M	0.6	28	≤25%	19	2.5
SEP125-R80M	0.7	20	≤15%	18	3.5
SEP125-1R0M	1.0	20	≤20%	18	1.9
SEP125-1R2M	1.2	14	≤20%	18	1.7
SEP125-1R5M	1.5	14	≤25%	18	2.5

NOTE: □ Tolerance value: K= ± 10%, M= ± 20%, N= ± 30%.