A17 Series Choke
COMMON MODE & DIFFERENTIAL MODE INTEGRATED CHOKE


Additional information:
We reserve the right to make technical changes or modify the contents of this document without prior notice.
SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them.
New approvals may be required.

FEATURES:

- High inductance with low resistance
- Excellent differentical-mode suppression
- Hight pulse-handling capability
- Industry best inductance / rated current ratio
- Suitable for wave soldering
- RoHs-compatible

APPLICATIONS:

- For EMI design and improvement
- Electronic ballasts for lamps
- High power switch-mode power supplies (SMPS) for consumer electronics
- Power LED Driver

TECHNICAL INFORMATION:

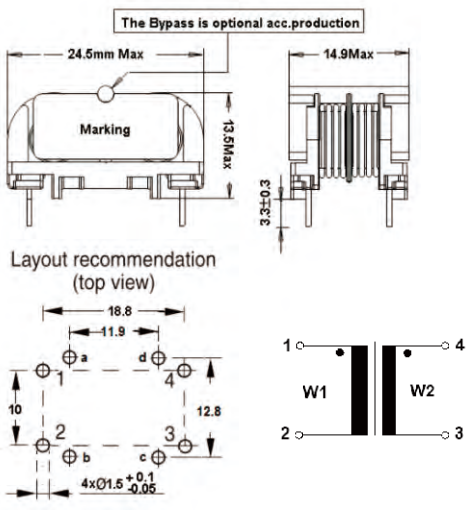
- The standard height of product is 13.5mm
- we can get lower profile height of 12.0mm Max, if we do like below
  1, added "a.b.c.d" 4 holes on PCB or
  2, removedbobbin's standoff.

- Electrical Characteristics:
  (specified @25°C if not mentioned otherwise)
- *) typical value
- All values without tolerances are typical values.
  Inductance and L_{stray} test condition 10KHz/50mV
- Hi-Pot:
  Windings to Core:1500Vac/50Hz 1.0mA 2S,
  W1 to W2, 2500Vac, 50Hz 1.0mA 2S
- Rated Voltage: 277Vac
- Operating Temperature range: -40℃ to +85℃

STANDARD SPECIFICATIONS:

Ordering Code	Ir (A)	Lstray,typ(μH)	Inductance(mH) +50%/-30%	DCR (Ω) Type	Bypass	Save height 1.5mm	Materials Temp. grade
A17100300	0.45	2220	100	2.7	without	Yes	130℃
A17680200	0.62	1640	68	1.97	without	Yes	130℃
A17470200	0.75	1120	47	1.26	without	Yes	130℃
A17390200	0.85	860	39	1.1	without	Yes	130℃
A17270200	0.92	580	27	0.77	without	Yes	130℃
A17150200	1.32	350	15	0.4	without	NO	130℃
A17150200	1.65	180	10	0.24	without	NO	130℃
A17330100	2.1	125	3.3	0.16	without	NO	130℃
A17100310	0.45		100	2.7	with	Yes	130℃
A17680210	0.62		68	1.97	with	Yes	130℃
A17470210	0.75		47	1.26	with	Yes	130℃
A17390210	0.85		39	1.1	with	Yes	130℃
A17270210	0.92	1520	27	0.77	with	Yes	130℃
A17150210	1.32		15	0.4	with	NO	130℃
A17150210	1.65		10	0.24	with	NO	130℃
A17330110	2.1		3.3	0.16	with	NO	130℃

PATENT NO.:201420607477.1
SECL HAS BEEN AUTHORIZED TO SELL UNDER THE PATENT OWNER'S AGREEMENT



The list of crossing part number

Inductance (mH)	SECL P/N	EPCOS P/N	Sumida (Vogt) P/N	Remark
100	A17100300	B82732F2451B001	No	Horizontal withoutBypass
68	A17680200	B82732F2601B001	No	
47	A17470200	B82732F2701B001	570 16 470 OH	
39	A17390200	B82732F2801B001	570 16 039 OS	
27	A17270200	B82732F2901B001	570 16 270 OS	
15	A17150200	B82732F2132B001	570 16 150 OH	
10	A17100200	B82732F2162B001	570 16 100 30	
6.8	A17680100	No	570 16 068 OH	
3.3	A17330100	No	570 16 033 OH	
100	A17100310	Closed production	No	Horizontal withBypass
68	A17680210	Closed production	No	
47	A17470210	Closed production	570 16 470 10	
39	A17390210	Closed production	570 16 039 20	
27	A17270210	Closed production	570 16 270 1H	
15	A17150210	Closed production	570 16 150 20	
10	A17100210	Closed production	570 16 100 1H	
6.8	A17680110	Closed production	570 16 068 1H	
3.3	A17330110	Closed production	570 16 033 1H	

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