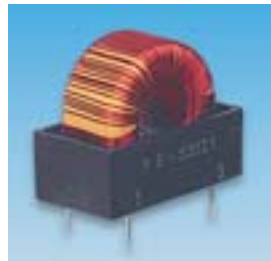


Power Inductors - continued

Designed for National Semiconductor Simple Switcher™ - continued



Case Style B-E



Case Style F

- Fixed inductors specifically designed to be used in National Semiconductor, Simple Switcher™ voltage regulator applications
- Pulse part numbers are listed in the National Semiconductor datasheet
- Base materials meet the flammability requirements of **UL94V-0**.

Typical Inductance (μH)	DA Current (A)	Pin Diameter	Case Style	Inductor Code	Pulse Part No.	Order Code
47	3	0.64	B	L47	PE53112NL	120-9544
68	3	1.02	D	L68	PE92114KNL	120-9545
100	3	0.81	D	L100	PE92108KNL	120-9546
150	2	0.64 SQ	D	L150	PE53113NL	120-9547
220	1.4	0.64	A	L220	PE52626NL	120-9548
220	1.4	0.51	C	L220	PE53145NL	120-9549
330	0.9	0.64 SQ	A	L330	PE52627NL	120-9550
330	0.9	0.64	C	L330	PE53146NL	120-9551
470	0.64	0.64	D	L470	PE53114NL	120-9552
680	0.42	0.64 SQ	A	L680	PE52629NL	120-9554
150	3	0.64	D	H150	PE53115NL	120-9555
220	3	0.81	E	H220	PE53116NL	120-9557
330	3	0.64	E	H330	PE53117NL	120-9558
470	2	0.64	E	H470	PE53118NL	120-9559
680	1.3	0.64	E	H680	PE53119NL	120-9560
1000	0.95	0.64	E	H1000	PE53120NL	120-9561
2200	0.42	0.81	F	H2200	PE53122NL	120-9562

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Typical Inductance μH	Order Code	Price Each			
		1+	10+	50+	100+
47	120-9544	401.00	347.00	310.00	236.00
68	120-9545	298.00	260.00	230.00	174.00
100	120-9546	236.00	205.00	181.00	138.00
150	120-9547	436.00	380.00	336.00	257.00
220	120-9548	396.00	345.00	308.00	234.00
220	120-9549	334.00	292.00	258.00	197.00
330	120-9550	372.00	323.00	286.00	219.00
330	120-9551	424.00	370.00	328.00	250.00
470	120-9552	446.00	390.00	343.00	263.00
680	120-9554	387.00	337.00	300.00	228.00
150	120-9555	456.00	397.00	353.00	269.00
220	120-9557	477.00	416.00	368.00	281.00
330	120-9558	381.00	332.00	295.00	224.00
470	120-9559	381.00	332.00	295.00	224.00
680	120-9560	394.00	343.00	304.00	232.00
1000	120-9561	408.00	357.00	316.00	242.00

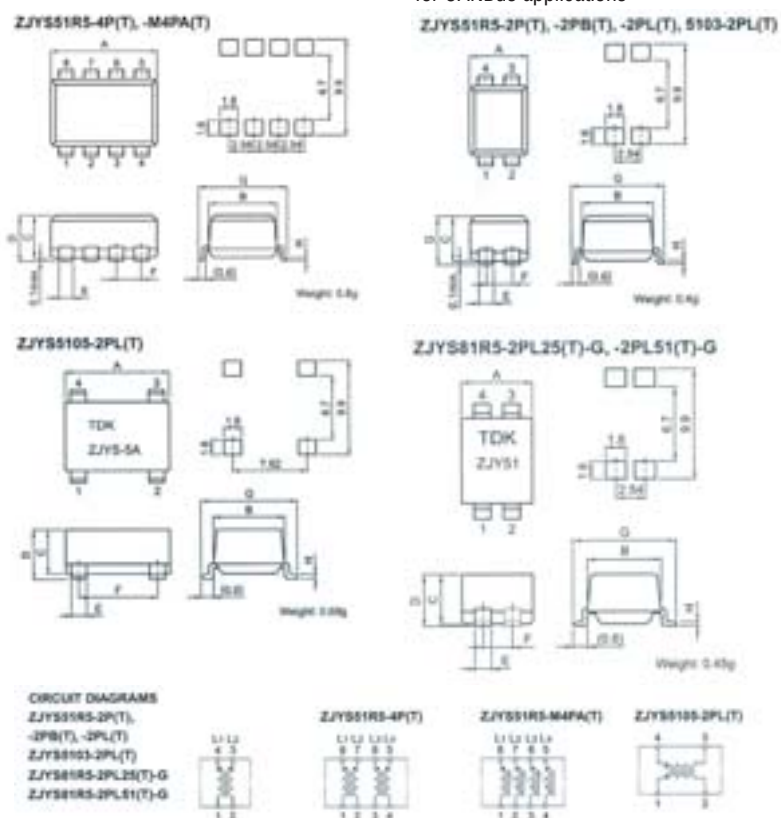
Suppression Chokes

ZJYS Series - Common Mode Choke Coils for Signal Lines



- Common-mode filters for distortion free noise removal from transmitted signals
- Optimised for the transmission of high quality signals
- Ideal for countering common mode noise resulting from data signal processing
- Surface mount packages for miniaturisation in portable applications
- High current handling of up to 5A allows use in power line noise reduction
- Key applications include, PC's, Telephones, LAN's, ISDN, Digital PBX, elec-

tronics games and portable electronic equipment
 ● ZJYS81R5 is a high inductance version for CANBus applications



A	B	C	D	E	F	G	H	Style
max	max	max	max	max	max	max	max	
5.5	6.86	4.57	5.08	1.3	2.54	9	0.25	ZJYS51R5-2P/5103
10.5	6.86	4.57	5.08	1.3	2.54	9	0.25	ZJYS51R5-4P
10.5	7.5	4.57	5.08	1.3	7.62	9	0.25	ZJYS5105
6	7.1	4.5	5	1.3	2.54	9	0.25	ZJYS81R5

Voltage (V) dc	Current (A)	Test Voltage	Insulation Res. (MΩ)	DC Res. (Ω)	Impedance (Ω)	Oper. Temp. (°C)	Mfrs. List No.	Order Code
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2P(T)	423-0401
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2PT-01	962-1261
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2PB(T)*1	423-0413
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2PBT-01*1	962-1270
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2PL(T)*2	423-0425
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-2PLT-01*2	962-1288
50	3	125	100	0.03	100	-25 to +85	ZJYS5103-2PLT-01	962-1296
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-4P(T)	423-0462
50	2	125	100	0.06	200	-25 to +85	ZJYS51R5-4PT-01	962-1326
50	0.5	125	100	0.2	200	-25 to +85	ZJYS51R5-M4PAT-01	962-1334
50	5	125	100	0.01	100	-25 to +85	ZJYS5105-2PL(T)	423-0486
50	5	125	100	0.01	100	-25 to +85	ZJYS5105-2PLT-01	962-1342
80	0.5	200	100	0.25	600	-40 to +125	ZJYS81R5-2PL25(T)-G	423-0449
80	0.5	200	100	0.25	600	-40 to +125	ZJYS81R5-2PL25T-G01	962-1300
80	0.5	200	100	0.3	1000	-40 to +125	ZJYS81R5-2PL51(T)-G	423-0450
80	0.5	200	100	0.3	1000	-40 to +125	ZJYS81R5-2PL51T-G01	962-1318

*1 Enhanced low frequency impedance characteristics
 *2 Separate windings for communications

243229

Mfrs. List No.	Order Code	1+	50+	100+	250+	+
ZJYS51R5-2P(T)	423-0401	195.00	167.00	146.00	117.00	--
ZJYS51R5-2PT-01	962-1261	195.00	167.00	146.00	117.00	--
ZJYS51R5-2PB(T)	423-0413	346.00	297.00	260.00	208.00	--
ZJYS51R5-2PBT-01	962-1270	346.00	297.00	260.00	208.00	--
ZJYS51R5-2PL(T)	423-0425	212.00	182.00	159.00	127.00	--
ZJYS51R5-2PLT-01	962-1288	212.00	182.00	159.00	127.00	--
ZJYS5103-2PL(T)	423-0437	327.00	280.00	245.00	196.00	--
ZJYS5105-2PLT-01	962-1296	327.00	280.00	245.00	196.00	--
ZJYS51R5-4P(T)	423-0462	308.00	263.00	231.00	185.00	--
ZJYS51R5-4PT-01	962-1326	308.00	263.00	231.00	185.00	--
ZJYS51R5-M4PAT-01	962-1334	389.00	334.00	292.00	234.00	--
ZJYS5105-2PL(T)	423-0486	195.00	167.00	146.00	117.00	--
ZJYS5105-2PLT-01	962-1342	195.00	167.00	146.00	117.00	--
ZJYS81R5-2PL25(T)-G	423-0449	193.00	165.00	144.00	116.00	--
ZJYS81R5-2PL25T-G01	962-1300	193.00	165.00	144.00	116.00	--
ZJYS81R5-2PL51(T)-G	423-0450	193.00	165.00	144.00	116.00	--
ZJYS81R5-2PL51T-G01	962-1318	193.00	165.00	144.00	116.00	--

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