

Operating temperature -40°C to +100°C		Insulation resistance 10MΩ			
Inductance @ 25°C (μH)	Tolerance %	Saturation current @ 25°C (A)	Max.DC resistance @ 20°C (mΩ)	Mfrs. List No.	Order Code
1.2	±30	14.3	2.24	ETQP6F1R2HFA	969-4145
2	±30	10.7	3.3	ETQP6F2R0HFA	969-4153
2.5	±30	11.3	4.92	ETQP6F2R5SFA	969-4161
3.2	±25	8.6	4.92	ETQP6F3R2HFA	969-4170
4.6	±25	7.3	6.48	ETQP6F4R6HFA	969-4188
6.4	±25	6.2	8.64	ETQP6F6R4HFA	969-4196
10.2	±25	4.7	13.3	ETQP6F102HFA	969-4200

204187

Order Code	Price Each				
	1+	10+	25+	50+	+
All Values	315.00	284.00	249.00	214.00	--

Power Inductors - B82476/8/9 Series



- High current rating
 - Low dc resistance
 - Suitable for reflow soldering (IR and vapour phase)
- A range of surface mount power inductors designed for filtering supply voltages, coupling/decoupling, dc/dc converters, telecommunications and automotive electronics



B82476 - L = 9.4mm, W = 12.9mm, H = 5.08mm
 B82478 - L = 11.6mm, W = 12.6mm, H = 8.5mm
 B82479 - L = 15.24mm, W = 18.54mm, H = 7.11mm

Inductance μH	Inductance Tolerance %	DC Resistance Max. (Ω)	Max dc Current mA	Test Frequency MHz	Self Res. Frequency MHz	Order Code
B82476						
10	20	0.025	3800	100	20	387-7486
22	20	0.05	2600	100	20	387-7498
47	20	0.12	1600	100	20	387-7504
100	20	0.23	1200	100	20	387-7516
220	20	0.53	800	100	20	387-7528
330	20	0.81	600	100	20	387-7530
470	20	1.10	500	100	20	387-7541
1000	20	2.15	300	100	20	387-7553
B82478						
10	20	0.06	3500	10	20	387-7565
22	20	0.10	2600	10	20	387-7577
33	20	0.12	2300	10	20	387-7589
47	20	0.17	1950	10	20	387-7590
100	20	0.06	1400	10	20	387-7607
220	20	0.73	950	10	20	387-7619
330	20	1.15	800	10	20	387-7620
470	20	1.48	650	10	20	387-7632
1000	20	3.0	460	10	20	387-7644
B82479						
10	20	0.032	4300	100	20	387-7656
22	20	0.047	3500	100	20	387-7668
33	20	0.066	3000	100	20	387-7670
47	20	0.087	2600	100	20	387-7681
100	20	0.19	1800	100	20	387-7693
220	20	0.38	1200	100	20	387-7700
330	20	0.56	1000	100	20	387-7711
470	20	0.85	820	100	20	387-7723
1000	20	1.8	560	100	20	387-7735

234192

Type	Order Code	Price Each				
		1+	25+	50+	100+	+
B82476	All Values	206.00	188.00	171.00	152.00	--
B82478	All Values	227.00	206.00	188.00	168.00	--
B82479	All Values	247.00	225.00	205.00	183.00	--

High Power Series - ELC09



- High power fixed inductors for line noise filtering
- Compact size due to high permeability and high flux density ferrite cores
- Wide inductance range
- Applications include TV, VCR, PCs, Audio, Fax machines etc.

Height above PCB=13, Dia.=10
 Lead length=4.0, Lead dia.=1.0, Fixing pitch=5.0

Inductance (μH)	Tolerance %	Max. DC Current @ 20°C (A)	DC resistance @ 20°C (Ω)	Mfrs. List No.	Order Code
2.2	±20	3.5	0.012	ELC09D2R2F	809-4810
3.3	±20	3.2	0.015	ELC09D3R3F	809-4861
3.9	±20	3.1	0.016	ELC09D3R9F	809-4870
4.7	±20	3	0.018	ELC09D4R7F	809-4942
6.8	±20	2.8	0.021	ELC09D6R8F	809-4985
8.2	±20	2.6	0.024	ELC09D8R2F	809-5035
10	±20	2.5	0.027	ELC09D100F	809-4756
15	±20	2.1	0.035	ELC09D150F	809-4799
22	±10	1.8	0.051	ELC09D220F	809-4829
27	±10	1.6	0.058	ELC09D270F	809-4853
33	±10	1.4	0.081	ELC09D330F	809-4888
39	±10	1.3	0.087	ELC09D390F	809-4918
47	±10	1.2	0.11	ELC09D470F	809-4950
56	±10	1.1	0.13	ELC09D560F	809-4977
68	±10	1	0.14	ELC09D680F	809-4993

Inductance	Tolerance	Max. DC Current	DC resistance		
100	±10	0.82	0.2	ELC09D101F	809-4764
150	±10	0.74	0.32	ELC09D151F	809-4802
220	±10	0.58	0.41	ELC09D221F	809-4837
330	±10	0.49	0.65	ELC09D331F	809-4896
390	±10	0.46	0.86	ELC09D391F	809-4926
470	±10	0.39	0.98	ELC09D471F	809-4969
680	±10	0.34	1.4	ELC09D681F	809-5000
1000	±10	0.28	2.1	ELC09D102F	809-4772
2200	±10	0.17	4.4	ELC09D222F	809-4845
3300	±10	0.14	7	ELC09D332F	809-4900
3900	±10	0.13	8	ELC09D392F	809-4934
10000	±10	0.08	18.8	ELC09D103F	809-4780

204189

Order Code	Price Each				
	1+	50+	100+	250+	+
All Values	35.00	30.00	25.00	21.00	--

High Current - 1400 Series



Fixing hole dia.=4.5
 Lead length=10

- A range of high current bobbin core inductors for switching regulators, filter and power line applications
- The core is manufactured from a high saturation flux density material, the winding is insulated by a heatshrink sleeve
- The inductors may be PCB mounted or alternatively chassis mounted using the bobbin centre fixing hole
- Tolerance ±10%.

Inductance (μH)	Current (cont.)* A	Resistance Ω	Dimensions H	Dia. (overall)	Lead Dia.
22	11	0.012	14.5	24	1.3
47	8.5	0.023	14.5	24	1.3
68	6.2	0.035	14.5	24	1.1
100	5.4	0.046	14.5	24	1.1
100	7.8	0.033	20.5	30	1.3
150	4	0.076	14.5	24	1.1
220	3.5	0.106	14.5	24	1.1
220	5.5	0.063	20.5	30	1.3
300	3	0.14	14.5	24	1.1
330	2.8	0.165	14.5	24	0.8
330	4.5	0.1	20.5	30	1.1
470	2.3	0.244	14.5	24	0.8
470	4	0.129	20.5	30	1.1
680	2	0.304	14.5	24	0.8
1000	1.6	0.461	14.5	24	0.8
2200	0.9	1.01	14.5	24	0.5

* For a temperature rise of <30°C from ambient

204074

Value (μH)	Current (A)	Order Code	Price Each				
			1+	10+	25+	50+	+
22	11	107-7056	226.00	219.00	212.00	188.00	--
47	8.5	107-7058	226.00	219.00	212.00	188.00	--
68	6.2	107-7059	226.00	219.00	212.00	188.00	--
100	5.4	107-7015	210.00	199.00	189.00	178.00	--
100	7.8	107-7020	341.00	323.00	307.00	288.00	--
150	4	107-7024	226.00	219.00	212.00	188.00	--
220	3.5	107-7017	210.00	199.00	189.00	178.00	--
220	5.5	107-7021	341.00	323.00	307.00	288.00	--
300	3	107-7025	226.00	219.00	212.00	188.00	--
330	2.8	107-7018	210.00	199.00	189.00	178.00	--
330	4.5	107-7022	341.00	323.00	307.00	288.00	--
470	2.3	107-7019	210.00	199.00	189.00	178.00	--
470	4	107-7023	341.00	323.00	307.00	288.00	--
680	2	107-7026	226.00	219.00	212.00	188.00	--
1000	1.6	107-7027	228.00	215.00	200.00	178.00	--
2200	0.9	107-7060	226.00	219.00	212.00	188.00	--

Designed for National Semiconductor Simple Switcher™

PULSE ENGINEERING



Case Style A

EMC, Filters & Suppression

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Compliant Non-compliant
 RoHS Limited stock - RoHS replacement available