

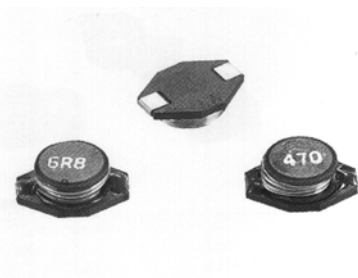


Italtras transformers in the world

low profile - encapsulated - toroidal - open - pcb or rack - inductor

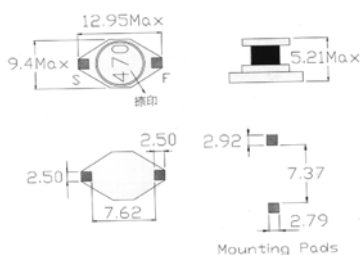
SMT Power Inductors

Type: AYC0804



Features

- Designed for the smallest possible size.
- Lowest cost, and highest performance.
- Ideal for DC-DC conversion in notebook computers, PDAs, Step up or Step-down converters, flash memory programmers, etc.



PART NUMBER	Inductance L +20% (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Isat (A) Max.	Irms (A) Max.
AYC0804 1R0M	1.0	100	0.009	9.0	6.8
AYC0804 1R5M	1.5	100	0.010	8.0	6.4
AYC0804 2R2M	2.2	100	0.012	7.0	6.1
AYC0804 3R3M	3.3	100	0.015	6.4	5.4
AYC0804 4R7M	4.7	100	0.018	5.4	4.8
AYC0804 6R8M	6.8	100	0.024	4.6	4.4
AYC0804 100M	10	100	0.032	3.8	3.9
AYC0804 150M	15	100	0.049	3.0	3.1
AYC0804 220M	22	100	0.062	2.6	2.7
AYC0804 330M	33	100	0.100	2.0	2.1
AYC0804 470M	47	100	0.140	1.6	1.8
AYC0804 680M	68	100	0.195	1.4	1.5
AYC0804 101M	100	100	0.260	1.2	1.3
AYC0804 151M	150	100	0.380	1.0	1.0
AYC0804 221M	220	100	0.610	0.8	0.8
AYC0804 331M	330	100	0.930	0.6	0.6
AYC0804 471M	470	100	1.270	0.5	0.5
AYC0804 681M	680	100	1.840	0.4	0.4
AYC0804 102M	1000	100	2.470	0.3	0.3

Italtras srl Costruzioni Elettroniche & Elettromeccaniche

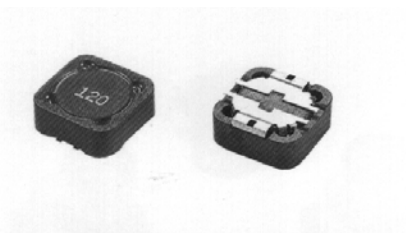
Via Costamagna, 8/A 12037 Saluzzo (cn) Italy Tel. 0175249400 - 0175217215 Fax. 0175249814
 Web Site: www.italtras.com - Email: italtras@italtras.com



low profile - encapsulated - toroidal - open - pcb or rack - inductor

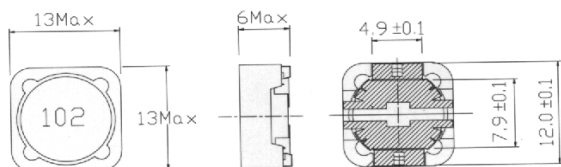
SMT Power Inductors

Type: AYC1005



Features

- @ Ideal for a variety of DC-DC converter inductor applications.
- @ Available on tape and reel for automatic insertion.
- @ Low DC resistance and large permissible DC current.
- @ This can be surface mount assembly and reflow soldering is also possible.



PART NUMBER	Inductance L +20% (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.	PART NUMBER	Inductance L +20% (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
AYC1005 100M	10.0	1	0.025	4.00	AYC1005 561M	560.0	1	0.860	0.54
AYC1005 120M	12.0	1	0.027	3.50	AYC1005 681M	680.0	1	1.200	0.48
AYC1005 150M	15.0	1	0.030	3.30	AYC1005 821M	820.0	1	.1.340	0.43
AYC1005 180M	18.0	1	0.034	3.00	AYC1005 102M	1000.0	1	1.530	0.40
AYC1005 220M	22.0	1	0.036	2.80					
AYC1005 270M	27.0	1	0.051	2.30					
AYC1005 330M	33.0	1	0.057	2.10					
AYC1005 390M	39.0	1	.0.068	2.00					
AYC1005 470M	47.0	1	0.075	1.80					
AYC1005 560M	56.0	1	0.110	1.70					
AYC1005 680M	68.0	1	0.120	1.50					
AYC1005 820M	82.0	1	0.140	1.40					
AYC1005 101M	100.0	1	0.160	1.30					
AYC1005 121M	120.0	1	0.170	1.10					
AYC1005 151M	150.0	1	0.230	1.00					
AYC1005 181M	180.0	1	0.290	0.90					
AYC1005 221M	220.0	1	0.400	0.80					
AYC1005 271M	270.0	1	0.460	0.75					
AYC1005 331M	330.0	1	0.510	0.68					
AYC1005 391M	390.0	1	0.690	0.65					
AYC1005 471M	470.0	1	0.770	0.58					

Italtras srl Costruzioni Elettroniche & Elettromeccaniche

Via Costamagna, 8/A 12037 Saluzzo (cn) Italy Tel. 0175249400 - 0175217215 Fax. 0175249814
 Web Site: www.italtras.com - Email: italtras@italtras.com

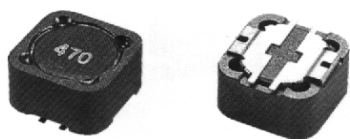


low profile - encapsulated - toroidal - open - pcb or rack - inductor

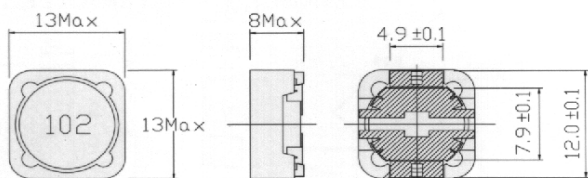
SMT Power Inductors

Type: AYC1007

Features



- @ Ideal for a variety of DC-DC converter inductor applications.
- @ Available on tape and reel for automatic insertion.
- @ Low DC resistance and large permissible DC current.
- @ This can be surface mount assembly and reflow soldering is also possible.



PART NUMBER	Inductance L +20% (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.	PART NUMBER	Inductance L +20% (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
AYC1007 1R2M	1.2	1	0.020	9.00	AYC1007 121M	120	1	0.170	1.40
AYC1007 1R5M	1.5	1	0.022	7.90	AYC1007 151M	150	1	0.190	1.30
AYC1007 2R2M	2.2	1	0.023	7.40	AYC1007 181M	180	1	0.250	1.10
AYC1007 3R3M	3.3	1	0.024	6.40	AYC1007 221M	220	1	0.290	1.00
AYC1007 4R7M	4.7	1	0.026	5.90	AYC1007 271M	270	1	0.310	0.90
AYC1007 5R6M	5.6	1	0.027	5.50	AYC1007 331M	330	1	0.450	0.81
AYC1007 6R8M	6.8	1	0.028	5.00	AYC1007 391M	390	1	0.500	0.79
AYC1007 8R2M	8.2	1	0.030	4.90	AYC1007 471M	470	1	0.730	0.70
AYC1007 100M	10.0	1	0.033	4.00	AYC1007 561M	560	1	0.800	0.64
AYC1007 120M	12.0	1	0.036	3.80	AYC1007 681M	680	1	0.910	0.60
AYC1007 150M	15.0	1	0.039	3.60	AYC1007 821M	820	1	1.000	0.56
AYC1007 180M	18.0	1	0.043	3.20	AYC1007 102M	1000	1	1.350	0.49
AYC1007 220M	22.0	1	0.047	3.00					
AYC1007 270M	27.0	1	0.055	2.90					
AYC1007 330M	33.0	1	0.061	2.70					
AYC1007 390M	39.0	1	0.066	2.40					
AYC1007 470M	47.0	1	0.078	2.20					
AYC1007 560M	56.0	1	0.097	2.10					
AYC1007 680M	68.0	1	0.100	1.80					
AYC1007 820M	82.0	1	0.120	1.60					
AYC1007 101M	100	1	0.130	1.50					

Italtras srl Costruzioni Elettroniche & Elettromeccaniche

Via Costamagna, 8/A 12037 Saluzzo (cn) Italy Tel. 0175249400 - 0175217215 Fax. 0175249814
 Web Site: www.italtras.com - Email: italtras@italtras.com

