

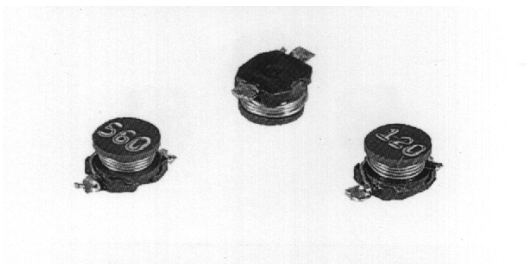


Italtras transformers in the world

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

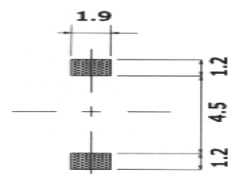
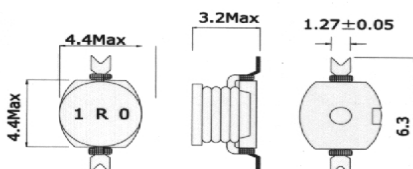
SMT Fixed Inductors

Type: AYC0403



Features

- ⊙ Compact, low profile.
- ⊙ Suitable for ref low soldering.
- ⊙ Available on tape and reel for automatic insertion.



Mounting Pads

PART NUMBER	Inductance L @ 1KHz (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.	PART NUMBER	Inductance L @ 1KHz (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
AYC0403 1R0M	1.0	100	0.072	1.34	AYC0403 181M	180.0	100	4.534	0.16
AYC0403 1R5M	1.5	100	0.084	1.22	AYC0403 221M	220.0	100	6.646	0.13
AYC0403 2R2M	2.2	100	0.108	1.08	AYC0403 271M	270.0	100	7.523	0.12
AYC0403 3R3M	3.3	100	0.134	0.97					
AYC0403 4R7M	4.7	100	0.160	0.91					
AYC0403 6R8M	6.8	100	0.197	0.79					
AYC0403 100M	10.0	100	0.330	0.63					
AYC0403 120M	12.0	100	0.350	0.59					
AYC0403 150M	15.0	100	0.400	0.56					
AYC0403 180M	18.0	100	0.450	0.51					
AYC0403 220M	22.0	100	0.534	0.47					
AYC0403 270M	27.0	100	0.618	0.43					
AYC0403 330M	33.0	100	0.903	0.37					
AYC0403 390M	39.0	100	1.010	0.34					
AYC0403 470M	47.0	100	1.355	0.29					
AYC0403 560M	56.0	100	1.515	0.28					
AYC0403 680M	68.0	100	1.713	0.26					
AYC0403 820M	82.0	100	2.312	0.22					
AYC0403 101M	100.0	100	2.640	0.21					
AYC0403 121M	120.0	100	3.502	0.19					
AYC0403 151M	150.0	100	4.132	0.17					

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Via Costamagna, 8/A 12037 Saluzzo (cn) Italy Tel. 0175249400 - 0175217215 Fax. 0175249814
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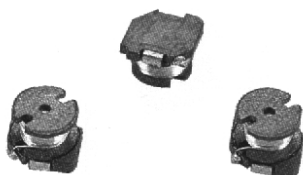
Italtras transformers in the world

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

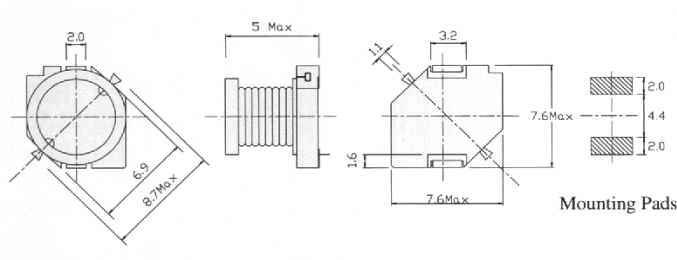
SMT Fixed Inductors

Type: AYC0604

Features



- ⊗ Compact, low profile.
- ⊗ Suitable for ref low soldering.
- ⊗ Available on tape and reel for automatic insertion.
- ⊗ Ideal for DC-DC converter inductor applications.



PART NUMBER	Inductance L @ 1KHz (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.	PART NUMBER	Inductance L @ 1KHz (uH)	L Test Frequency (kHz)	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
AYC0604 100k	10	100	0.120	1.50	AYC0604 561K	560	100	3.790	0.24
AYC0604 120K	12	100	0.130	1.44	AYC0604 681K	680	100	4.330	0.21
AYC0604 150K	15	100	0.150	1.36	AYC0604 821K	820	100	5.260	0.19
AYC0604 180K	18	100	0.160	1.30	AYC0604 102K	1000	100	6.220	0.17
AYC0604 220K	22	100	0.190	1.23					
AYC0604 270K	27	100	0.210	1.11					
AYC0604 330K	33	100	0.240	1.00					
AYC0604 390K	39	100	0.270	0.93					
AYC0604 470K	47	100	0.390	0.85					
AYC0604 560K	56	100	0.450	0.75					
AYC0604 680K	68	100	0.500	0.70					
AYC0604 820K	82	100	0.560	0.65					
AYC0604 101K	100	100	1.000	0.52					
AYC0604 121K	120	100	1.050	0.50					
AYC0604 151K	150	100	1.200	0.45					
AYC0604 181K	180	100	1.350	0.40					
AYC0604 221K	220	100	1.520	0.38					
AYC0604 271K	270	100	1.720	0.35					
AYC0604 331K	330	100	2.700	0.30					
AYC0604 391K	390	100	2.960	0.28					
AYC0604 471K	470	100	3.360	0.26					

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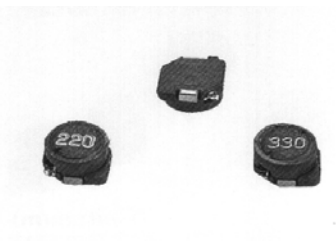


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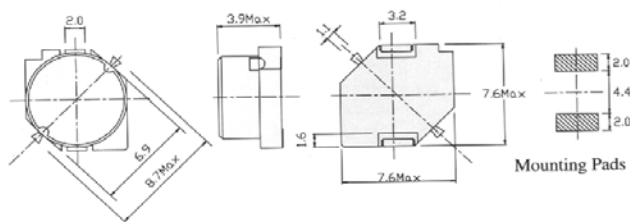
SMT Fixed Inductors

Type: AYC0703



Features

- ⊗ Compact, low profile.
- ⊗ Suitable for reflow soldering.
- ⊗ Available on tape and reel for automatic insertion.
- ⊗ Ideal for DC-DC converter inductor applications.



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.
AYC0703 3R3M	3.3	100	0.025	1.92					
AYC0703 4R7M	4.7	100	0.033	1.59					
AYC0703 6R8M	6.8	100	0.044	1.37					
AYC0703 100M	10.0	100	0.055	1.11					
AYC0703 150M	15.0	100	0.087	0.92					
AYC0703 220M	22.0	100	0.114	0.74					
AYC0703 330M	33.0	100	0.170	0.61					
AYC0703 470M	47.0	100	0.213	0.50					
AYC0703 680M	68.0	100	0.355	0.43					
AYC0703 101M	100.0	100	0.447	0.32					
AYC0703 151M	150.0	100	0.644	0.28					
AYC0703 221M	220.0	100	1.120	0.23					
AYC0703 331M	330.0	100	1.440	0.20					
AYC0703 471M	470.0	100	2.370	0.16					

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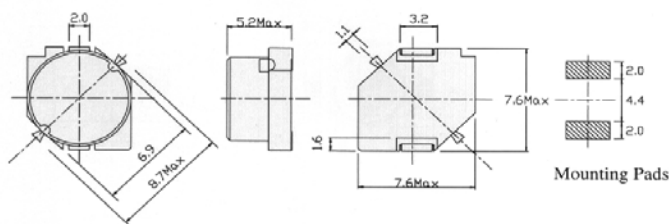
SMT Fixed Inductors

Type: AYC0704

Features



- ⊗ Low profile.
- ⊗ Suitable for large current.
- ⊗ Available in a magnetically shielded or unshielded version.
- ⊗ Available on a tape and reel for automatic insertion.
- ⊗ Ideal for a variety of DC-DC converter inductor application



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.
AYC0704 1R0M	1.0	100	0.020	2.80	AYC0704 181M	180	100	0.780	0.39
AYC0704 1R5M	1.5	100	0.024	2.59	AYC0704 221M	220	100	0.940	0.33
AYC0704 2R2M	2.2	100	0.028	2.38	AYC0704 271M	270	100	1.250	0.31
AYC0704 3R3M	3.3	100	0.034	2.14	AYC0704 331M	330	100	1.400	0.27
AYC0704 4R7M	4.7	100	0.039	1.96	AYC0704 391M	390	100	1.520	0.27
AYC0704 6R8M	6.8	100	0.050	1.79	AYC0704 471M	470	100	1.700	0.25
AYC0704 100M	10.0	100	0.055	1.63	AYC0704 561M	560	100	2.390	0.22
AYC0704 120M	12.0	100	0.073	1.42					
AYC0704 150M	15.0	100	0.081	1.33					
AYC0704 180M	18.0	100	0.102	1.15					
AYC0704 220M	22.0	100	0.115	1.09					
AYC0704 270M	27.0	100	0.159	0.91					
AYC0704 330M	33.0	100	0.182	0.84					
AYC0704 390M	39.0	100	0.199	0.80					
AYC0704 470M	47.0	100	0.221	0.75					
AYC0704 560M	56.0	100	0.306	0.64					
AYC0704 680M	68.0	100	0.345	0.60					
AYC0704 820M	82.0	100	0.390	0.57					
AYC0704 101M	100	100	0.432	0.50					
AYC0704 121M	120	100	0.440	0.47					
AYC0704 151M	150	100	0.730	0.40					

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