

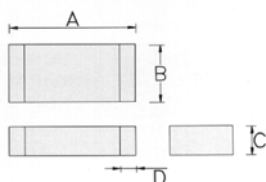
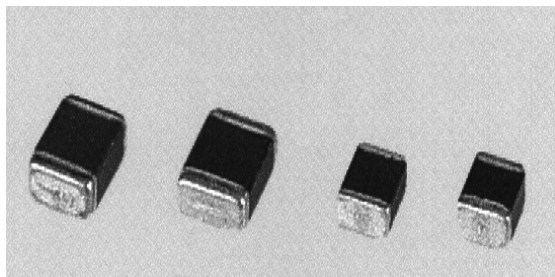


Italtras transformers in the world

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

SMT Multilayer Ferrite Chip Inductors series

Type: ACI 160808



(Unit: m/m)

Features

- These components are standard SMD parts and specially designed for flow and reflow soldering.
- Specially designed for surface mounting equipment, available in various size which allows them to wide rang of application and usage.

Type	CASE	A (mm)	B (mm)	C (mm)	D (mm)
ACI160808	0603	1.6+0.5	0.8+0.15	0.8+0.15	0.4+0.1
ACI201208	0805	2.0+0.2	1.25+0.2	0.85+0.2	0.5+0.1
ACI201212	0805	2.0+0.2	1.25+0.2	1.25+0.2	0.5+0.2
ACI321611	1206	3.2+0.2	1.6+0.2	1.1+0.2	0.6+0.2

PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Test Frequency (MHz)	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
ACI 160808 47N	47	+20	10	50	260	0.3	50
ACI 160808 68N	68	+20	10	50	250	0.3	50
ACI 160808 82N	82	+20	10	50	245	0.3	50
ACI 160808 R10	100	+20.10	15	25	240	0.5	50
ACI 160808 R12	120	+20.10	15	25	205	0.5	50
ACI 160808 R15	150	+20.10	15	25	180	0.6	50
ACI 160808 R18	180	+20.10	15	25	165	0.6	50
ACI 160808 R22	220	+20.10	15	25	150	0.8	50
ACI 160808 R27	270	+20.10	15	25	136	0.8	50
ACI 160808 R33	330	+20.10	15	25	125	0.85	50
ACI 160808 R39	390	+20.10	15	25	110	1.00	35
ACI 160808 R47	470	+20.10	15	25	105	1.35	35
ACI 160808 R56	560	+20.10	15	25	95	1.55	35
ACI 160808 R68	680	+20.10	15	25	90	1.70	35
ACI 160808 R82	820	+20.10	15	25	85	2.10	35
ACI 160808 1R0	1000	+20.10	35	10	75	0.60	25
ACI 160808 1R2	1200	+20.10	35	10	65	0.80	25
ACI 160808 1R5	1500	+20.10	35	10	60	0.80	25
ACI 160808 1R8	1800	+20.10	35	10	55	0.95	25
ACI 160808 2R2	2200	+20.10	35	10	50	1.15	15
ACI 160808 2R7	2700	+20.10	35	10	45	1.35	15
ACI 160808 3R3	3300	+20.10	35	10	40	1.55	15
ACI 160808 3R9	3900	+20.10	35	10	35	1.70	15
ACI 160808 4R7	4700	+20.10	35	10	33	2.10	15

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

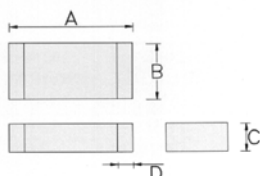
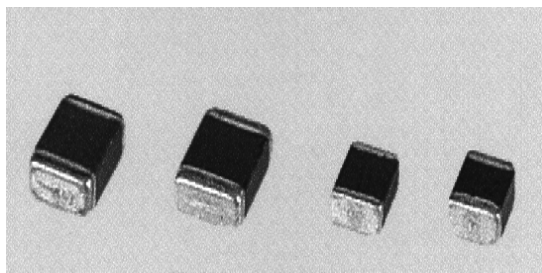


Italtras transformers in the world

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

Type: ACI 1201208

SMT Multilayer Ferrite Chip Inductors series



Features

- These components are standard SMD parts and specially designed for flow and reflow soldering.
- Specially designed for surface mounting equipment, available in various size which allows them to wide rang of application and usage.

Type	A (mm)	B (mm)	C (mm)	D (mm)
ACI160808	1.6+/-0.5	0.8+/-0.15	0.8+/-0.15	0.4+/-0.1
ACI201208	2.0+/-0.2	1.25+/-0.2	0.85+/-0.2	0.5+/-0.1
ACI201212	2.0+/-0.2	1.25+/-0.2	1.25+/-0.2	0.5+/-0.2
ACI321611	3.2+/-0.2	1.6+/-0.2	1.1+/-0.2	0.6+/-0.2

(Unit: m/m)

PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Test Frequency (MHz)	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
ACI 1201208 47N	47	+/-20	15	50	320	0.20	300
ACI 1201208 68N	68	+/-20	15	50	280	0.20	300
ACI 1201208 82N	82	+/-20	15	50	255	0.20	300
ACI 1201208 R10	100	+/-20.10	20	25	235	0.30	250
ACI 1201208 R12	120	+/-20.10	20	25	220	0.30	250
ACI 1201208 R15	150	+/-20.10	20	25	200	0.40	250
ACI 1201208 R18	180	+/-20.10	20	25	185	0.40	250
ACI 1201208 R22	220	+/-20.10	20	25	170	0.50	250
ACI 1201208 R27	270	+/-20.10	20	25	150	0.50	250
ACI 1201208 R33	330	+/-20.10	20	25	145	0.55	250
ACI 1201208 R39	390	+/-20.10	25	25	135	0.65	200
ACI 1201208 R47	470	+/-20.10	25	25	125	0.65	200
ACI 1201208 R56	560	+/-20.10	25	25	115	0.75	150
ACI 1201208 R68	680	+/-20.10	25	25	105	0.80	150
ACI 1201208 R82	820	+/-20.10	25	25	100	1.00	150
ACI 1201208 1R0	1000	+/-20.10	45	10	75	0.40	50
ACI 1201208 1R2	1200	+/-20.10	45	10	65	0.50	50
ACI 1201208 1R5	1500	+/-20.10	45	10	60	0.50	50
ACI 1201208 1R8	1800	+/-20.10	45	10	55	0.60	50
ACI 1201208 2R2	2200	+/-20.10	45	10	50	0.65	30
ACI 1201212 2R7	2700	+/-20.10	45	10	45	0.75	30
ACI 1201212 3R3	3300	+/-20.10	45	10	41	0.80	30
ACI 1201212 3R9	3900	+/-20.10	45	10	38	0.90	30
ACI 1201212 4R7	4700	+/-20.10	45	10	35	1.00	30
ACI 1201212 5R6	5600	+/-20.10	40	4	32	0.90	15
ACI 1201212 6R8	6800	+/-20.10	40	4	29	1.00	15
ACI 1201212 8R2	8200	+/-20.10	40	4	26	1.10	15
ACI 1201212 100	10000	+/-20.10	30	2	24	1.15	15

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

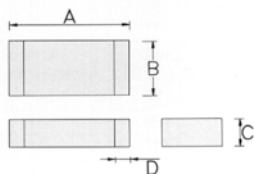
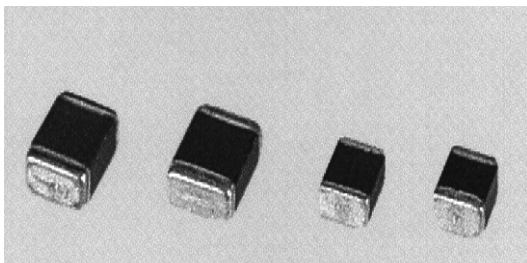


Italtras

transformers in the world

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

Type: ACI 1321611



SMT Multilayer Ferrite Chip Inductors series

Features

- These components are standard SMD parts and specially designed for flow and reflow soldering.
- Specially designed for surface mounting equipment, available in various size which allows them to wide rang of application and usage.

Type	A (mm)	B (mm)	C (mm)	D (mm)
ACI160808	1.6+/-0.5	0.8+/-0.15	0.8+/-0.15	0.4+/-0.1
ACI201208	2.0+/-0.2	1.25+/-0.2	0.85+/-0.2	0.5+/-0.1
ACI201212	2.0+/-0.2	1.25+/-0.2	1.25+/-0.2	0.5+/-0.2
ACI321611	3.2+/-0.2	1.6+/-0.2	1.1+/-0.2	0.6+/-0.2

(Unit: m/m)

PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Test Frequency (MHz)	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (A) Max.
ACI 1321611 47N	47	+/-20	20	50	320	0.15	300
ACI 1321611 68N	68	+/-20	20	50	280	0.25	300
ACI 1321611 R10	100	+/-20.10	20	25	235	0.25	250
ACI 1321611 R12	120	+/-20.10	20	25	220	0.3	250
ACI 1321611 R15	150	+/-20.10	20	25	200	0.3	250
ACI 1321611 R18	180	+/-20.10	20	25	185	0.4	250
ACI 1321611 R22	220	+/-20.10	20	25	170	0.4	250
ACI 1321611 R27	270	+/-20.10	20	25	150	0.5	250
ACI 1321611 R33	330	+/-20.10	20	25	145	0.6	250
ACI 1321611 R39	390	+/-20.10	25	25	135	0.5	200
ACI 1321611 R47	470	+/-20.10	25	25	125	0.6	200
ACI 1321611 R56	560	+/-20.10	25	25	115	0.7	150
ACI 1321611 R68	680	+/-20.10	25	25	105	0.8	150
ACI 1321611 R82	820	+/-20.10	25	25	100	0.9	150
ACI 1321611 1R0	1000	+/-20.10	45	10	75	0.4	100
ACI 1321611 1R2	1200	+/-20.10	45	10	65	0.5	100
ACI 1321611 1R5	1500	+/-20.10	45	10	60	0.5	50
ACI 1321611 1R8	1800	+/-20.10	45	10	55	0.5	50
ACI 1321611 2R2	2200	+/-20.10	45	10	50	0.6	50
ACI 1321611 2R7	2700	+/-20.10	45	10	45	0.6	50
ACI 1321611 3R3	3300	+/-20.10	45	10	41	0.7	50
ACI 1321611 3R9	3900	+/-20.10	45	10	38	0.8	50
ACI 1321611 4R7	4700	+/-20.10	45	10	35	0.9	50
ACI 1321611 5R6	5600	+/-20.10	45	4	32	0.7	25
ACI 1321611 6R8	6800	+/-20.10	45	4	29	0.8	25
ACI 1321611 8R2	8200	+/-20.10	45	4	26	0.9	25
ACI 1321611 100	10000	+/-20.10	45	2	24	1.0	25
ACI 1321611 120	12000	+/-20.10	45	2	22	1.5	5
ACI 1321611 150	15000	+/-20.10	35	1	19	1.5	5
ACI 1321611 180	18000	+/-20.10	35	1	18	1.5	5
ACI 1321611 220	22000	+/-20.10	35	1	16	1.5	5

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