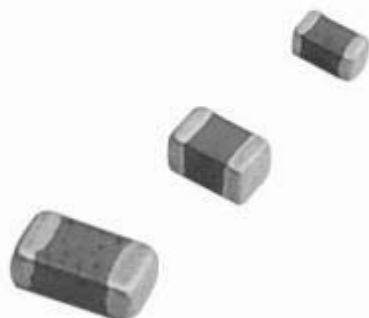
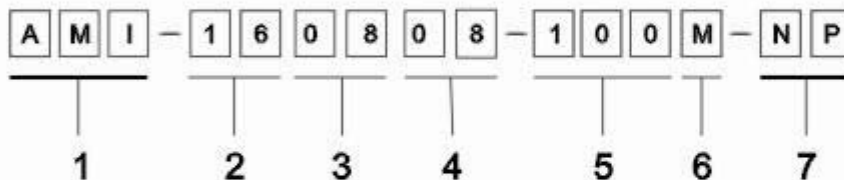




MULTILAYER CHIP INDUCTOR AMI TYPE

PRODUCT IDENTIFICATION



1.PRODUCT SYMBOL

2.BODY LENGTH : mm

3.BODY WIDE : mm

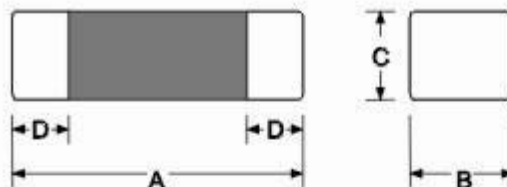
4.BODY HEIGHT

5.INDUCTANCE : μH

6.TOLERANCE : J \pm 5% , K \pm 10% , L \pm 15% , M \pm 20%

7.Meet ROHS Regulations of Prohibited 6 Poisonous Materials

SHAPES & DIMENSION FOR AMI SERIES (mm)



Part Number.	A	B	C	D
AMI160808 (0603)	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.3 \pm 0.20
AMI201209 (0805)	2.0 \pm 0.20	1.2 \pm 0.20	0.9 \pm 0.20	0.5 \pm 0.30
AMI201212 (0805)	2.0 \pm 0.20	1.2 \pm 0.20	1.2 \pm 0.20	0.5 \pm 0.30
AMI321611 (1206)	3.2 \pm 0.20	1.6 \pm 0.20	1.1 \pm 0.20	0.5 \pm 0.30

MULTILAYER CHIP INDUCTOR AMI TYPE



ELECTRICAL SPECIFICATION

Part Number	Inductance (μ H)	Q Min.	LQ Test Frequency (MHz)	SRF (MHz)Min.	Rdc (Ω)Max.	IDC (mA)Max.
AMI-160808-68N	0.068 \pm 20%	10	50	250	0.30	50
AMI-160808-47N	0.047 \pm 20%	10	50	260	0.30	50
AMI-160808-82N	0.082 \pm 20%	10	50	245	0.30	50
AMI-160808-R10	0.10	15	25	240	0.50	50
AMI-160808-R12	0.12	15	25	205	0.50	50
AMI-160808-R15	0.15	15	25	180	0.60	50
AMI-160808-R18	0.18	15	25	165	0.60	50
AMI-160808-R22	0.22	15	25	150	0.80	50
AMI-160808-R27	0.27	15	25	136	0.80	50
AMI-160808-R33	0.33	15	25	125	0.85	35
AMI-160808-R39	0.39	15	25	110	1.00	35
AMI-160808-R47	0.47	15	25	105	1.35	35
AMI-160808-R56	0.56	15	25	95	1.55	35
AMI-160808-R68	0.68	15	25	90	1.70	35
AMI-160808-R82	0.82	15	25	85	2.10	35
AMI-160808-1R0	1.00	35	10	75	2.60	25



MULTILAYER CHIP INDUCTOR AMI TYPE

ELECTRICAL SPECIFICATION

Part Number	Inductance (μ H)	Q Min.	Frequency (MHz) LQ Test	SRF (MHz)Min.	Rdc (Ω)Max.	IDC (mA)Max.
AMI-201209-47N	0.047 \pm 20%	15	50	320	0.20	300
AMI-201209-68N	0.068 \pm 20%	15	50	280	0.20	300
AMI-201209-82N	0.082 \pm 20%	15	50	255	0.20	300
AMI-201209-R10	0.10	20	25	235	0.30	250
AMI-201209-R12	0.12	20	25	220	0.30	250
AMI-201209-R15	0.15	20	25	200	0.40	250
AMI-201209-R18	0.18	20	25	185	0.40	250
AMI-201209-R22	0.22	20	25	170	0.50	250
AMI-201209-R27	0.27	20	25	150	0.50	250
AMI-201209-R33	0.33	20	25	145	0.55	250
AMI-201209-R39	0.39	25	25	135	0.65	200
AMI-201209-R47	0.47	25	25	125	0.65	200
AMI-201209-R56	0.56	25	25	115	0.75	150
AMI-201209-R68	0.68	25	25	105	0.80	150
AMI-201209-R82	0.82	25	25	100	1.00	150
AMI-201209-1R0	1.00	45	10	75	0.40	50
AMI-201209-1R2	1.20	45	10	65	0.50	50
AMI-201209-1R5	1.50	45	10	60	0.50	50
AMI-201209-1R8	1.80	45	10	55	0.60	50
AMI-201209-2R2	2.20	45	10	50	0.65	30
AMI-201209-2R7	2.70	45	10	45	0.75	30
AMI-201209-3R3	3.30	45	10	41	0.80	30
AMI-201209-3R9	3.90	45	10	38	0.90	30
AMI-201209-4R7	4.70	45	10	35	1.00	30
AMI-201209-5R6	5.60	50	4	32	0.90	15
AMI-201209-6R8	6.80	50	4	29	1.00	15
AMI-201209-8R2	8.20	50	4	26	1.10	25
AMI-201209-100	10.00	50	2	24	1.15	15
AMI-201212-2R7	2.70	45	10	45	0.75	30
AMI-201212-3R3	3.30	45	10	41	0.80	30
AMI-201212-3R9	3.90	45	10	38	0.90	30
AMI-201212-4R7	4.70	45	10	35	1.00	30
AMI-201212-5R6	5.60	50	4	32	0.90	15
AMI-201212-6R8	6.80	50	4	29	1.00	15
AMI-201212-8R2	8.20	50	4	26	1.10	25
AMI-201212-100	10.00	50	2	24	1.15	15

MULTILAYER CHIP INDUCTOR AMI TYPE



ELECTRICAL SPECIFICATION

Part Number	Inductance (μ H)	Q Min.	Frequency (MHz) LQ Test	SRF (MHz)Min.	Rdc (Ω)Max.	IDC (mA)Max.
AMI-321611-47N	0.047 \pm 20%	20	50	320	0.15	300
AMI-321611-68N	0.068 \pm 20%	20	50	280	0.25	300
AMI-321611R10	0.10	20	25	235	0.25	250
AMI-321611-R12	0.12	20	25	250	0.30	250
AMI-321611-R15	0.15	20	25	200	0.30	250
AMI-321611-R18	0.18	20	25	185	0.40	250
AMI-321611-R22	0.22	20	25	170	0.50	250
AMI321611-R27	0.27	20	25	150	0.50	250
AMI-321611-R33	0.33	20	25	145	0.60	250
AMI-321611-R39	0.39	25	25	135	0.50	200
AMI-321611-R47	0.47	25	25	125	0.60	200
AMI-321611-R56	0.56	25	25	115	0.70	150
AMI-321611-R68	0.68	25	25	105	0.80	150
AMI-321611-R82	0.82	25	25	100	0.90	150
AMI-321611-1R0	1.00	30	10	75	0.40	100
AMI-321611-1R2	1.20	30	10	65	0.50	100
AMI-321611-1R5	1.50	30	10	60	0.50	50
AMI-321611-1R8	1.80	30	10	55	0.50	50
AMI-321611-2R2	2.20	30	10	50	0.60	50
AMI-321611-2R7	2.70	30	10	45	0.60	50
AMI-321611-3R3	3.30	30	10	41	0.70	50
AMI-321611-3R9	3.90	30	10	38	0.80	50
AMI-321611-4R7	4.70	30	10	35	0.90	50
AMI-321611-5R6	5.60	35	4	32	0.70	25
AMI321611-6R8	6.80	35	4	29	0.90	25
AMI-321611-8R2	8.20	35	4	26	0.90	25
AMI-321611-100	10.00	35	2	24	1.00	25
AMI-321611-120	12.00	35	2	22	1.05	15
AMI-321611-150	15.00	30	1	19	0.70	5
AMI-321611-180	18.00	30	1	18	0.70	5
AMI-321611-220	22.00	30	1	16	0.90	5
AMI-321611-270	27.00	30	1	14	0.90	5
AMI-321611-330	33.00	30	1	13	1.05	5