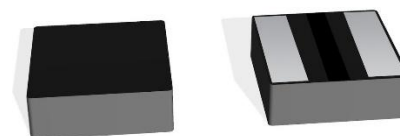


FEATURE

- RoHS and Halogen-free compliance.
- Metal material for large current and low loss.
- High performance (Isat) realized by metal dust core.
- Low loss realized with low Rdc.
- Closed magnetic circuit design reduces leakage flux.
- Vinyl thermal spray, better surface compactness.
- Environmental requirements must comply with the QESP-44 document.
- AEC-Q200 qualified.
- Applications:
 1. Body electronics
 - a) Central body control module
 - b) Vehicle access control system
 - c) Headlamps, tail lamps and interior lighting
 - d) Heating ventilation and air conditioning
 2. Controllers (HVAC)
 - a) Doors, window lift and seat control
 3. Chassis and safety electronics
 - a) Airbag control unit
 - b) Electronic stability control system (ESC)
 4. Driver assistance systems
 - a) 4.1 Adaptive cruise control (ACC).
 - b) 4.2 Automatic parking control.
 - c) 4.3 Collision avoidance system.
 - d) Car black box system.



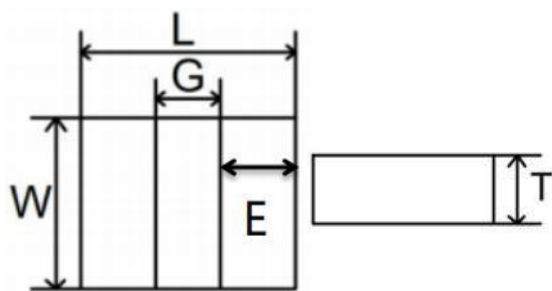
MANUFACTURER PART NO.

For example: GMI201208M100G00-GMI201208 $\pm 20\%$ 10 μ H

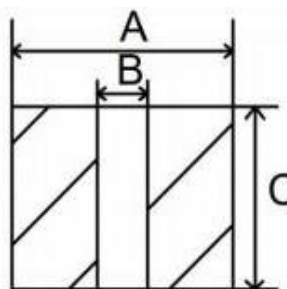
Series	Size	Tolerance	Nominal Inductance Value	Feature	Internal Code
4 codes	6 codes	1 codes	2~5 codes	1 code	2 codes
AMMI	201208	M	100	G	00
Automotive Grade SMD Mini Molding Power Inductors	201265 201208 201210	K = $\pm 10\%$ M = $\pm 20\%$ N = $\pm 30\%$	2R2 = 2.2 μ H 100 = 10 μ H	G=Std.	00 = Default 01=type B 02=type C

SHAPE AND DIMENSIONS

Outline Dimensions



Recommend Land Pattern Dimensions



Size	L	G/Typ	W	E	T	A/Typ	B/Typ	C/Typ
160806	1.6±0.2	0.6	0.8±0.2	0.50±0.2	0.60Max.	1.70	0.50	0.90
160865	1.6±0.2	0.6	0.8±0.2	0.50±0.2	0.65Max.	1.70	0.50	0.90
160808	1.6±0.2	0.6	0.8±0.2	0.50±0.2	0.80Max.	1.70	0.50	0.90
141265	1.4±0.2	0.5	1.2±0.2	0.45±0.2	0.65Max.	1.50	0.40	1.30
141207	1.4±0.2	0.5	1.2±0.2	0.45±0.2	0.70Max.	1.50	0.40	1.30
141208	1.4±0.2	0.5	1.2±0.2	0.45±0.2	0.80Max.	1.50	0.40	1.30
201206	2.0±0.2	0.6	1.2±0.2	0.70±0.2	0.60Max.	2.10	0.50	1.30
201265	2.0±0.2	0.6	1.2±0.2	0.70±0.2	0.65Max.	2.10	0.50	1.30
201208	2.0±0.2	0.6	1.2±0.2	0.70±0.2	0.80Max.	2.10	0.50	1.30
201210	2.0±0.2	0.6	1.2±0.2	0.70±0.2	1.00Max.	2.10	0.50	1.30
201212	2.0±0.2	0.6	1.2±0.2	0.70±0.2	1.20Max.	2.10	0.50	1.30
201655	2.0±0.2	0.6	1.6±0.2	0.70±0.2	0.55Max.	2.10	0.50	1.70
201665	2.0±0.2	0.6	1.6±0.2	0.70±0.2	0.65Max.	2.10	0.50	1.70
201607	2.0±0.2	0.6	1.6±0.2	0.70±0.2	0.70Max.	2.10	0.50	1.70
201608	2.0±0.2	0.6	1.6±0.2	0.70±0.2	0.80Max.	2.10	0.50	1.70
201610	2.0±0.2	0.6	1.6±0.2	0.70±0.2	1.00Max.	2.10	0.50	1.70
201610	2.0±0.1	0.6	1.6±0.1	0.70±0.2	1.00Max.	2.10	0.50	1.70
201612	2.0±0.2	0.6	1.6±0.2	0.70±0.2	1.20Max.	2.10	0.50	1.70
252055	2.5±0.2	0.8	2.0±0.2	0.85±0.2	0.55Max.	2.60	0.70	2.10
252075	2.5±0.2	0.8	2.0±0.2	0.85±0.2	0.75Max.	2.60	0.70	2.10
252008	2.5±0.2	0.8	2.0±0.2	0.85±0.2	0.80Max.	2.60	0.70	2.10
252010	2.5±0.2	0.8	2.0±0.2	0.85±0.2	1.00Max.	2.60	0.70	2.10
252012	2.5±0.2	0.8	2.0±0.2	0.85±0.2	1.20Max.	2.60	0.70	2.10
322510	3.2±0.2	1.1	2.5±0.2	1.05±0.2	1.00Max.	3.20	1.00	2.50
322512	3.2±0.2	1.1	2.5±0.2	1.05±0.2	1.20Max.	3.20	1.00	2.50
322520	3.2±0.2	1.1	2.5±0.2	1.05±0.2	2.00Max.	3.20	1.00	2.50
303010	3.0±0.1	1.0	3.0±0.1	1.00±0.2	1.00Max.	3.00	0.90	3.00
303012	3.0±0.1	1.0	3.0±0.1	1.00±0.2	1.20Max.	3.00	0.90	3.00
303015	3.0±0.1	1.0	3.0±0.1	1.00±0.2	1.50Max.	3.00	0.90	3.00
303018	3.0±0.1	1.0	3.0±0.1	1.00±0.2	1.80Max.	3.00	0.90	3.00
303020	3.0±0.1	1.0	3.0±0.1	1.00±0.2	2.00Max.	3.00	0.90	3.00
404008	4.1±0.2	1.4	4.1±0.2	1.35±0.2	0.80Max.	4.10	1.30	4.10
404010	4.1±0.2	1.4	4.1±0.2	1.35±0.2	1.00Max.	4.10	1.30	4.10

Size	L	G/Typ	W	E	T	A/Typ	B/Typ	C/Typ
404012	4.1±0.2	1.4	4.1±0.2	1.35±0.2	1.20Max.	4.10	1.30	4.10
404015	4.1±0.2	1.4	4.1±0.2	1.35±0.2	1.50Max.	4.10	1.30	4.10
404020	4.1±0.2	1.4	4.1±0.2	1.35±0.2	2.00Max.	4.10	1.30	4.10
404030	4.1±0.2	1.4	4.1±0.2	1.35±0.2	3.00Max.	4.10	1.30	4.10

Unit: mm

CHARACTERISTICS

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI160806MR10G00	0.10	16.5	20	6.5	6.0	6.5	6.0
AMMI160865MR22G00	0.22	35	43	4.0	3.5	5.0	4.5
AMMI160865MR47G00	0.47	66	82	2.3	2.0	3.3	3.0
AMMI160865MR47G03	0.47	65	78	3.0	2.5	3.5	3.2
AMMI160865M1R0G00	1.0	180	200	1.8	1.5	2.4	2.0
AMMI160865M1R0G03	1.0	140	160	2.2	1.8	2.2	2.0
AMMI160865M2R2G00	2.2	390	430	1.3	1.1	1.6	1.3
AMMI160808MR18G00	0.18	17	21	5.8	5.2	6.0	5.5
AMMI160808MR22G00	0.22	33	40	3.4	3.0	5.5	5.0
AMMI160808MR24G00	0.24	34	41	3.3	2.9	5.3	4.8
AMMI160808MR24G03	0.24	22	26	3.9	3.5	4.9	4.4
AMMI160808MR24G01	0.24	20	24	5.5	5.0	5.3	4.8
AMMI160808MR33G00	0.33	30	35	4.7	4.3	4.7	4.4
AMMI160808MR47G00	0.47	80	100	2.6	2.3	4.1	3.7
AMMI160808MR47G03	0.47	38	45	4.2	4.0	4.0	3.5
AMMI160808MR56G00	0.56	85	110	2.2	1.9	4.0	3.5
AMMI160808MR56G03	0.56	51	63	2.5	2.2	3.0	2.7
AMMI160808MR68G00	0.68	110	130	2.1	1.9	3.3	3.0
AMMI160808M1R0G00	1.0	180	200	2.1	1.8	3.0	2.6
AMMI160808M1R0G03	1.0	105	115	2.1	1.8	2.3	2.1
AMMI160808M1R0G01	1.0	105	115	2.1	1.8	2.5	2.2
AMMI160808M1R5G00	1.5	240	285	1.7	1.4	2.4	2.0
AMMI160808M2R2G00	2.2	220	260	1.4	1.2	1.5	1.3
AMMI160808M3R3G00	3.3	500	600	1.0	0.9	1.4	1.2
AMMI160808M4R7G00	4.7	585	700	1.0	0.8	1.2	1.0
AMMI160808M100G00	10.0	1450	1600	0.5	0.45	0.8	0.7
AMMI141265MR24G00	0.24	23	27	6.5	6.0	5.5	5.0
AMMI141265MR33G00	0.33	26	32	4.4	4.2	4.4	4.0
AMMI141265MR47G00	0.47	37	45	3.0	2.7	3.4	3.0
AMMI141265MR47G01	0.47	35	38	3.5	3.2	4.0	3.6
AMMI141207MR24G00	0.24	22	28	4.0	3.6	4.6	4.3
AMMI141207MR47G00	0.47	34	38	3.8	3.3	3.8	3.5
AMMI141208MR10G00	0.10	11.5	14.0	8.0	7.5	8.5	8.0
AMMI141208MR24G00	0.24	22	27	4.1	3.7	6.0	5.7
AMMI141208MR24G03	0.24	21	24	6.6	6.0	7.2	6.5
AMMI141208MR33G00	0.33	23	28	4.0	3.5	5.3	5.0
AMMI141208MR47G00	0.47	29	35	3.8	3.3	4.6	4.2
AMMI141208MR47G03	0.47	29	32	3.8	3.3	4.6	4.2
AMMI141208M1R0G00	1.0	65	77	3.0	2.5	3.0	2.5
AMMI141208M2R2G00	2.2	200	225	2.0	1.8	1.9	1.7
AMMI201206MR11G00	0.11	12.5	15.0	7.5	7.0	5.2	4.8
AMMI201265MR15G00	0.15	12	14	5.8	5.5	6.1	5.8

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI201265MR24G00	0.24	17	20	4.8	4.5	5.1	4.8
AMMI201265MR33G00	0.33	30	35	4.3	4.0	4.6	4.3
AMMI201265MR47G00	0.47	37	44	3.8	3.5	4.1	3.8
AMMI201265MR68G00	0.68	50	60	3.3	3.0	3.5	3.2
AMMI201265M1R0G00	1.0	78	86	2.6	2.3	2.8	2.5
AMMI201265M2R2G00	2.2	215	230	1.7	1.4	1.8	1.5
AMMI201265M2R2G03	2.2	175	210	1.4	1.3	1.4	1.3
AMMI201265M2R2G05	2.2	175	200	1.8	1.5	1.9	1.6
AMMI201265M4R7G00	4.7	470	530	1.1	0.9	1.2	1.0
AMMI201208MR11G00	0.11	10	12	7.0	6.5	9.5	9.0
AMMI201208MR15G00	0.15	11	13	6.8	6.3	7.5	7.0
AMMI201208MR24G00	0.24	18	23	6.5	5.9	6.5	6.0
AMMI201208MR24G01	0.24	17	20	6.5	5.9	7.0	6.6
AMMI201208MR24G05	0.24	16	18	7.0	6.5	7.2	7.0
AMMI201208MR33G00	0.33	33	45	4.3	4.0	5.2	4.8
AMMI201208MR33G03	0.33	20	24	5.8	5.2	6.0	5.4
AMMI201208MR47G00	0.47	34	50	3.5	3.3	5.0	4.6
AMMI201208MR47G03	0.47	24	28	4.7	4.5	5.2	4.8
AMMI201208MR68G00	0.68	50	60	3.7	3.3	4.2	3.7
AMMI201208M1R0G00	1.0	55	70	3.3	2.9	4.0	3.5
AMMI201208M1R0G03	1.0	48	55	3.2	2.8	3.2	2.8
AMMI201208M1R5G00	1.5	118	135	2.2	1.9	3.0	2.5
AMMI201208M2R2G00	2.2	160	185	2.2	1.8	2.6	2.3
AMMI201208M2R2G01	2.2	130	156	1.8	1.6	2.2	2.0
AMMI201208M3R3G00	3.3	253	300	1.8	1.5	1.9	1.6
AMMI201208M4R7G00	4.7	285	325	1.7	1.5	1.6	1.4
AMMI201208M6R8G00	6.8	460	530	1.1	1.0	1.3	1.1
AMMI201210MR10G00	0.1	8.0	13	7.5	7.0	8.5	8.0
AMMI201210MR11G00	0.11	7.0	8.5	10.0	9.5	14.1	12.0
AMMI201210MR22G00	0.22	16	22	7.1	6.5	7.3	6.8
AMMI201210MR24G00	0.24	17	23	7.0	6.4	7.2	6.7
AMMI201210MR24G03	0.24	13	17	7.0	6.4	7.2	6.7
AMMI201210MR24G01	0.24	11.5	14	9.0	8.0	7.3	6.7
AMMI201210MR33G00	0.33	24	32	5.5	5.0	6.5	6.0
AMMI201210MR33G01	0.33	14	16	5.7	5.2	6.7	6.3
AMMI201210MR47G00	0.47	29	36	4.7	4.3	5.5	5.0
AMMI201210MR47G01	0.47	22	26	5.0	4.5	6.0	5.5
AMMI201210MR47G03	0.47	18	20	7.0	6.5	6.0	5.5
AMMI201210MR56G00	0.56	26	31	5.3	4.7	5.2	4.8
AMMI201210MR68G00	0.68	37	43	4.3	4.0	5.0	4.5
AMMI201210M1R0G00	1.0	55	63	3.9	3.5	4.0	3.5
AMMI201210M1R0G03	1.0	50	55	4.0	3.5	4.0	3.5
AMMI201210M1R0G01	1.0	50	55	4.0	3.5	4.0	3.6
AMMI201210M1R5G00	1.5	76	85	3.1	2.6	3.2	2.7
AMMI201210M2R2G00	2.2	135	150	2.0	1.7	2.7	2.4
AMMI201210M2R2G03	2.2	125	145	2.2	2.0	2.7	2.4
AMMI201210M3R3G00	3.3	210	260	1.8	1.5	2.2	1.8
AMMI201210M4R7G00	4.7	275	300	1.6	1.4	1.8	1.6
AMMI201210M6R8G00	6.8	440	520	1.5	1.3	1.45	1.2
AMMI201210M100G00	10.0	600	660	1.1	1.0	1.2	1.0
AMMI201212MR11G00	0.11	5.5	6.2	12	11	12.0	11.0
AMMI201212MR11G03	0.11	5.0	5.8	12	11	12.0	11.0
AMMI201212MR24G00	0.24	13	16	7.5	7.0	9.0	8.5

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI201212MR24G03	0.24	13	15	7.7	7.2	9.0	8.5
AMMI201212MR33G00	0.33	17	20.5	6.3	5.8	6.5	6.0
AMMI201212MR47G00	0.47	20	23.5	6.0	5.5	5.5	5.0
AMMI201212MR47G03	0.47	20	22	6.2	5.7	5.5	5.0
AMMI201212M1R0G00	1.0	40	48	3.9	3.5	4.0	3.6
AMMI201212M3R3G00	3.3	180	210	1.8	1.6	2.0	1.8
AMMI201655MR33G00	0.33	34	41	4.0	3.5	4.0	3.5
AMMI201655MR47G00	0.47	44	53	3.5	3.0	3.5	3.0
AMMI201665MR47G00	0.47	33	40	5.0	4.5	4.4	4.0
AMMI201665MR68G00	0.68	42	50	4.0	3.5	3.4	3.1
AMMI201665M1R0G00	1.0	58	70	3.5	3.0	3.0	2.7
AMMI201665M2R2G00	2.2	145	170	2.8	2.6	2.2	2.0
AMMI201607M2R2G00	2.2	150	175	2.1	1.8	2.3	2.0
AMMI201608MR22G00	0.22	14	19	6.6	5.9	6.1	5.6
AMMI201608MR24G00	0.24	14	20	6.5	5.8	6.0	5.5
AMMI201608MR33G00	0.33	18	24	5.5	4.8	5.8	5.3
AMMI201608MR47G00	0.47	24	27	5.5	5.2	5.5	5.0
AMMI201608MR68G00	0.68	39	44	3.8	3.5	4.6	4.2
AMMI201608M1R0G00	1.0	53	60	3.6	3.3	3.3	3.1
AMMI201608M1R0G03	1.0	45	52	3.6	3.3	3.8	3.5
AMMI201608M1R5G00	1.5	73	85	3.1	2.8	3.0	2.8
AMMI201608M2R2G00	2.2	150	180	2.3	2.1	2.4	2.2
AMMI201608M2R2G00	2.2	123	140	2.2	2.0	2.5	2.3
AMMI201608M3R3G00	3.3	200	220	1.8	1.5	2.1	1.8
AMMI201608M4R7G00	4.7	260	290	1.6	1.4	1.7	1.5
AMMI201608M4R7G00	4.7	270	325	1.4	1.2	1.5	1.3
AMMI201608M6R8G00	6.8	360	405	1.4	1.2	1.4	1.3
AMMI201608M100G00	10.0	800	900	1.0	0.9	0.9	0.8
AMMI201608M100G00	10.0	690	800	1.0	0.9	1.0	0.9
AMMI201610MR10G00	0.10	7.0	12	8.5	8.0	9.0	8.4
AMMI201610MR11G00	0.11	7.5	13	8.0	7.5	8.9	8.2
AMMI201610MR15G00	0.15	8.0	14	7.6	7.0	8.7	8.0
AMMI201610MR22G00	0.22	11	18	6.9	6.3	8.2	7.5
AMMI201610MR22G03	0.22	11	13	6.9	6.3	8.2	7.5
AMMI201610MR24G00	0.24	12	19	6.8	6.2	8.0	7.4
AMMI201610MR24G03	0.24	11	14	6.8	6.2	8.0	7.4
AMMI201610MR24G05	0.24	7.5	9.0	8.0	7.5	7.5	7.0
AMMI201610MR33G00	0.33	17	22	5.7	5.3	7.0	6.5
AMMI201610MR33G01	0.33	11	13	6.7	6.2	6.5	6.0
AMMI201610MR33G05	0.33	17	22	5.7	5.3	7.5	7.0
AMMI201610MR47G00	0.47	22	25	5.5	5.0	6.3	5.5
AMMI201610MR47G01	0.47	22	25	5.8	5.6	6.5	6.0
AMMI201610MR47G03	0.47	18	22	6.0	5.6	6.2	5.6
AMMI201610MR47G05	0.47	19	23	6.5	6.0	7.0	6.5
AMMI201610MR47G04	0.47	14	17	6.5	6.0	5.5	5.0
AMMI201610MR56G00	0.56	19	23	7.5	7.0	5.5	5.0
AMMI201610MR68G00	0.68	25	32	4.6	4.3	5.2	4.7
AMMI201610MR68G01	0.68	25	32	5.5	5.2	5.7	5.5
AMMI201610M1R0G00	1.0	35	43	4.5	4.1	4.6	4.2
AMMI201610M1R0G03	1.0	31	36	4.6	4.2	4.7	4.2
AMMI201610M1R5G00	1.5	80	100	2.6	2.3	3.2	2.9
AMMI201610M1R5G03	1.5	60	70	4.0	3.5	3.3	3.0
AMMI201610M2R2G00	2.2	120	130	2.5	2.1	3.0	2.8

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI201610M2R2G03	2.2	105	115	2.5	2.1	3.0	2.8
AMMI201610M2R2G01	2.2	72	81	3.3	3.0	3.0	2.8
AMMI201610M2R2G00	2.2	115	125	2.5	2.2	3.3	3.0
AMMI201610M3R3G00	3.3	140	170	1.7	1.5	2.3	2.0
AMMI201610M4R7G00	4.7	250	276	1.6	1.4	1.9	1.7
AMMI201610M4R7G00	4.7	190	220	1.6	1.4	2.0	1.8
AMMI201610M6R8G00	6.8	320	350	1.7	1.5	1.7	1.5
AMMI201610M100G00	10.0	483	580	1.0	0.7	1.4	1.1
AMMI201612MR10G00	0.10	4.0	6.0	12	10	13	11.5
AMMI201612MR11G00	0.11	4.8	5.6	15.5	14.5	12.5	11.0
AMMI201612MR11G01	0.11	6.3	7.5	13.0	12.0	15.0	14.0
AMMI201612MR15G00	0.15	7.5	10	10	9.0	12	10.5
AMMI201612MR22G00	0.22	8.5	10.5	9.3	8.8	9.7	9.2
AMMI201612MR24G00	0.24	9.0	11	9.1	8.6	9.2	8.7
AMMI201612MR24G01	0.24	10	12.5	11.0	10.0	10.5	10.0
AMMI201612MR33G00	0.33	10	15	7.7	7.2	7.8	7.3
AMMI201612MR47G00	0.47	13	17	6.7	6.0	6.7	6.0
AMMI201612MR68G00	0.68	19	23	6.0	5.3	6.0	5.3
AMMI201612M1R0G00	1.0	30	36	5.0	4.5	5.0	4.5
AMMI201612M1R5G00	1.5	40	50	4.0	3.5	4.0	3.5
AMMI201612M2R2G00	2.2	77	90	3.3	2.9	3.1	2.7
AMMI201612M3R3G00	3.3	135	165	2.4	2.0	2.7	2.3
AMMI201612M3R3G03	3.3	115	130	2.6	2.2	2.7	2.3
AMMI201612M6R8G00	6.8	255	300	1.8	1.7	1.9	1.7
AMMI252055MR22G00	0.22	23	28	6.5	6.0	4.8	4.5
AMMI252055MR47G00	0.47	42	49	5.5	5.2	3.5	3.2
AMMI252075M2R2G00	2.2	78	90	2.3	2.0	2.6	2.4
AMMI252008MR47G00	0.47	22	27	6.5	6.0	6.0	5.3
AMMI252008MR68G00	0.68	27	32	4.9	4.4	5.0	4.5
AMMI252008M1R0G00	1.0	34	40	4.3	4.0	4.5	4.0
AMMI252008M1R5G00	1.5	64	75	3.4	3.0	3.5	3.0
AMMI252008M2R2G00	2.2	69	77	3.0	2.6	3.0	2.6
AMMI252008M3R3G00	3.3	150	180	2.5	2.1	2.5	2.1
AMMI252008M4R7G00	4.7	180	215	2.0	1.5	1.9	1.5
AMMI252008M100G00	10	500	600	1.4	1.2	1.1	0.9
AMMI252008M100G03	10	490	540	1.4	1.3	1.3	1.1
AMMI252010MR10G00	0.10	6.5	8.5	12.0	11.0	13.5	12.5
AMMI252010MR15G00	0.15	7.0	9.0	9.5	8.5	10.5	9.5
AMMI252010MR22G00	0.22	12	17	6.8	6.5	8.6	7.9
AMMI252010MR24G00	0.24	12	17.5	6.7	6.4	8.5	7.8
AMMI252010MR24G03	0.24	8.5	10	8.5	7.5	9.0	8.0
AMMI252010MR33G00	0.33	13	19	6.5	6.2	7.6	7.2
AMMI252010MR47G00	0.47	15	22	6.1	5.6	7.2	6.5
AMMI252010MR47G03	0.47	13	15	6.5	6.0	6.6	6.0
AMMI252010MR68G00	0.68	23	27	5.6	5.0	5.9	5.5
AMMI252010MR82G00	0.82	25	29	4.5	4.1	5.3	4.8
AMMI252010M1R0G00	1.0	25	30	4.7	4.1	5.4	4.8
AMMI252010M1R0G03	1.0	25	28	7.5	7.0	5.0	4.5
AMMI252010M1R5G00	1.5	45	55	3.4	3.0	4.3	3.9
AMMI252010M1R8G00	1.8	50	60	4.0	3.5	4.0	3.5
AMMI252010M2R2G00	2.2	62	70	2.4	2.1	3.3	3.0
AMMI252010M2R2G01	2.2	62	70	2.6	2.3	3.7	3.3
AMMI252010M2R2G03	2.2	62	70	4.0	3.2	3.4	3.1

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI252010M3R3G00	3.3	86	100	2.5	2.1	2.8	2.5
AMMI252010M4R7G00	4.7	160	180	2.0	1.6	2.6	2.0
AMMI252010M4R7G03	4.7	145	160	2.0	1.6	2.6	2.0
AMMI252010M4R7G01	4.7	120	130	3.0	2.8	2.2	2.0
AMMI252010M6R8G00	6.8	270	320	1.6	1.4	2.4	1.9
AMMI252010M100G00	10.0	500	560	1.05	0.95	1.55	1.4
AMMI252010M220G00	22.0	1100	1300	0.85	0.6	1.1	0.9
AMMI252012MR10G00	0.10	6.0	10	12	10.5	13.5	12.5
AMMI252012MR10G03	0.10	4.0	4.8	16.0	15.0	15.0	14.0
AMMI252012MR11G00	0.11	4.2	5.0	15.0	14.0	14.0	13.0
AMMI252012MR15G00	0.15	7.0	11	11.5	10	13.0	12.0
AMMI252012MR22G00	0.22	9.0	14	8.2	7.6	9.6	9.0
AMMI252012MR22G03	0.22	8.0	10	11	8.0	12	10
AMMI252012MR24G00	0.24	10	15	8.0	7.5	9.3	8.8
AMMI252012MR24G03	0.24	6.5	8.5	9.5	9.0	10.0	9.5
AMMI252012MR33G00	0.33	11	17	6.8	6.4	8.3	7.8
AMMI252012MR33G03	0.33	10	12	9.0	8.5	9.0	8.5
AMMI252012MR33G05	0.33	7.5	9.5	9.0	8.5	9.0	8.5
AMMI252012MR47G00	0.47	13	19	6.5	6.0	7.5	7.0
AMMI252012MR47G03	0.47	11	13	8.0	7.5	8.5	8.0
AMMI252012MR68G00	0.68	17	23	6.3	5.5	6.5	6.0
AMMI252012MR68G03	0.68	15	18	7.5	7.0	6.7	6.0
AMMI252012MR82G00	0.82	19	24	5.8	5.3	6.5	5.8
AMMI252012MR82G03	0.82	19	23	6.3	5.8	6.5	5.8
AMMI252012M1R0G00	1.0	35	42	5.3	4.8	5.6	5.0
AMMI252012M1R0G03	1.0	16	22	6.1	5.6	6.5	6.0
AMMI252012M1R0G05	1.0	30	36	5.5	5.0	5.6	5.0
AMMI252012M1R2G00	1.2	40	45	3.8	3.4	4.5	4.1
AMMI252012M1R2G03	1.2	29	35	5.7	5.2	5.3	4.8
AMMI252012M1R5G00	1.5	44	50	3.7	3.2	4.5	4.1
AMMI252012M1R5G05	1.5	31	35	4.5	4.1	4.5	4.2
AMMI252012M1R5G03	1.5	27	32	4.6	4.2	4.7	4.4
AMMI252012M1R5G01	1.5	46	53	4.6	4.2	5.2	4.7
AMMI252012M2R2G00	2.2	55	65	3.0	2.7	3.8	3.3
AMMI252012M2R2G03	2.2	52	60	3.9	3.5	4.1	3.7
AMMI252012M3R3G00	3.3	80	97	2.3	1.8	3.0	2.7
AMMI252012M4R7G00	4.7	150	170	1.8	1.5	2.4	2.1
AMMI252012M4R7G01	4.7	150	170	2.4	2.2	2.7	2.5
AMMI252012M6R8G01	6.8	245	270	2.1	2.0	2.2	2.1
AMMI252012M6R8G00	6.8	245	270	1.6	1.4	2.0	1.7
AMMI252012M100G00	10.0	330	400	1.2	1.05	1.6	1.45
AMMI252012M150G00	15.0	500	565	1.4	1.3	1.4	1.3
AMMI252012M220G00	22.0	740	800	1.2	1.1	1.1	1.0
AMMI322510MR22G00	0.22	9.0	11	8.5	8.0	8.5	8.0
AMMI322510MR33G00	0.33	11	15	8.3	7.8	8.3	7.8
AMMI322510MR47G00	0.47	17	22	6.4	5.9	8.3	7.6
AMMI322510MR68G00	0.68	22	28	6.2	5.7	7.5	7.0
AMMI322510M1R0G00	1.0	25	30	5.4	4.9	6.0	5.3
AMMI322510M1R5G00	1.5	34	42	4.0	3.6	5.0	4.4
AMMI322510M2R2G00	2.2	55	66	3.7	3.4	4.0	3.5
AMMI322510M3R3G00	3.3	105	120	2.7	2.3	3.7	3.3
AMMI322510M4R7G00	4.7	125	140	2.3	1.9	2.8	2.5
AMMI322510M6R8G00	6.8	290	320	1.9	1.6	2.4	2.0

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI322510M100G00	10.0	325	365	2.2	1.8	2.2	1.8
AMMI322512MR10G00	0.10	5.2	7.0	12.0	11.0	18.0	16.5
AMMI322512MR11G00	0.11	4.5	6.0	13.0	12.0	17.0	15.5
AMMI322512MR11G01	0.11	5.5	7.0	12.0	11.0	18.5	18.0
AMMI322512MR22G00	0.22	6.6	10	9.2	8.7	11.5	11.0
AMMI322512MR22G03	0.22	6.2	8.0	11.0	10.0	12.0	11.0
AMMI322512MR24G00	0.24	7.0	12	9.0	8.5	11	10.5
AMMI322512MR33G00	0.33	9.0	14	8.4	8.1	10	9.5
AMMI322512MR47G00	0.47	14	19	7.5	7.2	8.6	8.2
AMMI322512MR47G03	0.47	11	14	7.5	7.2	8.6	8.2
AMMI322512MR47G01	0.47	10	11	8.5	8.0	8.5	8.0
AMMI322512MR56G00	0.56	15	19	8.0	7.5	8.4	8.0
AMMI322512MR68G00	0.68	18	23	7.3	6.8	8.1	7.7
AMMI322512MR68G03	0.68	12	15	7.0	6.5	8.0	7.5
AMMI322512M1R0G00	1.0	26	30	5.3	4.8	6.6	5.8
AMMI322512M1R0G03	1.0	18	21	6.5	6.0	7.7	7.0
AMMI322512M1R0G01	1.0	26	32	6.0	5.5	8.3	8.0
AMMI322512M1R2G00	1.2	26	32	5.7	5.2	5.9	5.4
AMMI322512M1R5G00	1.5	37	44	4.7	4.3	5.1	4.7
AMMI322512M2R2G00	2.2	58	70	3.6	3.0	4.6	4.2
AMMI322512M2R2G03	2.2	42	50	4.2	3.7	5.0	4.5
AMMI322512M3R3G00	3.3	75	95	2.9	2.5	3.7	3.2
AMMI322512M3R3G03	3.3	62	67	2.9	2.5	3.7	3.2
AMMI322512M4R7G00	4.7	115	135	3.0	2.8	2.9	2.6
AMMI322512M4R7G05	4.7	105	120	3.0	2.8	3.0	2.6
AMMI322512M4R7G01	4.7	115	135	3.0	2.8	3.2	2.8
AMMI322512M4R7G03	4.7	105	115	3.0	2.6	3.0	2.7
AMMI322512M6R8G00	6.8	177	210	2.1	1.9	2.8	2.4
AMMI322512M100G00	10.0	210	230	2.2	1.8	2.3	1.9
AMMI322520M70NG00	0.07	2.5	3.2	22	20	25.0	24.0
AMMI322520MR27G00	0.27	5.5	6.5	16	15	16	15
AMMI322520MR33G00	0.33	7.5	9.0	9.5	9.0	15.5	14
AMMI322520MR47G00	0.47	9.0	10.5	9.5	8.5	15	13
AMMI322520MR68G00	0.68	12.5	14.5	9.0	8.0	13	11
AMMI322520M1R0G00	1.0	15	17.5	8.2	7.5	9.0	8.3
AMMI322520M1R0G01	1.0	15	17.5	8.5	8.0	10.5	10.0
AMMI322520M1R5G00	1.5	22	25	6.5	6.0	6.8	6.0
AMMI322520M2R2G00	2.2	36	43	5.4	4.8	6.5	5.5
AMMI322520M2R2G03	2.2	33	40	5.4	4.8	6.5	5.5
AMMI322520M3R3G00	3.3	55	60	4.5	4.0	4.5	3.5
AMMI322520M4R7G00	4.7	81	94	3.5	3.0	4.0	3.0
AMMI322520M6R8G00	6.8	101	125	2.8	2.3	3.8	2.9
AMMI303010M1R0G00	1.0	30	35	7.0	6.5	5.3	4.8
AMMI303010M1R0G03	1.0	25	30	7.0	6.5	6.0	5.6
AMMI303010M2R2G00	2.2	55	66	5.0	4.5	4.0	3.5
AMMI303010M3R3G00	3.3	86	102	3.4	3.0	3.1	2.8
AMMI303010M4R7G00	4.7	120	140	3.2	2.8	2.7	2.3
AMMI303010M6R8G00	6.8	225	270	2.1	1.8	1.8	1.5
AMMI303010M100G00	10.0	320	360	2.0	1.7	1.6	1.3
AMMI303010M100G03	10.0	250	275	2.2	2.0	1.8	1.5
AMMI303012MR10G00	0.10	5.0	6.0	18.0	17.0	20.0	18.0
AMMI303012MR47G00	0.47	9.0	11	11.0	10.0	8.5	8.0
AMMI303012MR68G00	0.68	14.0	16	7.5	7.0	7.0	6.5

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI303012M1R0G00	1.0	23	27	5.5	5.0	6.0	5.5
AMMI303012M1R5G00	1.5	29	34	6.0	5.5	5.5	5.0
AMMI303012M2R2G00	2.2	42	50	4.8	4.3	5.0	4.5
AMMI303012M2R2G01	2.2	63	75	4.0	3.6	6.1	5.6
AMMI303012M4R7G00	4.7	100	120	3.0	2.5	3.0	2.5
AMMI303012M100G00	10.0	192	220	2.3	1.9	2.3	2.0
AMMI303012M150G00	15.0	345	380	1.6	1.3	1.9	1.6
AMMI303015MR15G00	0.15	5.0	6.0	12.0	11.0	16.0	15.0
AMMI303015MR20G00	0.20	4.8	5.9	13.0	12.0	16.0	15.0
AMMI303015MR33G00	0.33	6.5	8.5	14.0	13.0	12.0	11.0
AMMI303015MR47G00	0.47	9.0	11	9.0	8.0	10.0	9.0
AMMI303015M1R0G00	1.0	18	22	6.0	5.5	7.0	6.5
AMMI303015M1R5G00	1.5	22	26	8.0	7.5	6.0	5.5
AMMI303015M2R2G00	2.2	42	50	4.5	4.0	5.0	4.5
AMMI303015M4R7G00	4.7	87	104	3.5	3.0	4.0	3.5
AMMI303015M6R8G00	6.8	160	180	2.5	2.0	3.5	3.0
AMMI303015M100G00	10.0	185	215	2.0	1.5	2.8	2.5
AMMI303015M220G00	22.0	580	700	1.2	1.0	1.6	1.2
AMMI303018MR22G00	0.22	5.5	7.0	10.0	9.0	17	16
AMMI303018MR47G00	0.47	8.0	10	9.0	8.0	12	11
AMMI303018MR68G00	0.68	12	14.5	10.0	9.0	11	10
AMMI303018M1R0G00	1.0	15	21	6.3	5.8	7.6	6.8
AMMI303018M1R5G00	1.5	20	26	6.8	6.4	8.0	7.0
AMMI303018M4R7G00	4.7	72	87	3.4	3.0	4.7	4.2
AMMI303020MR10G00	0.10	3.3	4.5	17.0	16.0	25.0	23.0
AMMI303020MR15G00	0.15	4.0	5.0	13.0	12.0	18.0	17.0
AMMI303020MR22G00	0.22	5.0	6.5	11.0	10.0	17.5	16
AMMI303020MR33G00	0.33	7.5	9.0	10.0	9.0	17	15
AMMI303020MR36G00	0.36	7.5	9.0	10.0	9.0	16.5	14.5
AMMI303020MR47G00	0.47	8.0	11	9.0	8.0	15	13.5
AMMI303020MR50G00	0.50	9.0	12	9.0	8.0	15	13
AMMI303020MR50G03	0.50	7.0	8.3	12.5	11.5	13.5	12
AMMI303020MR68G00	0.68	13	16	8.5	7.8	13	11
AMMI303020M1R0G00	1.0	14	20	6.5	6.0	8.0	7.3
AMMI303020M1R5G00	1.5	19	25	6.3	5.8	7.0	6.5
AMMI303020M2R2G00	2.2	37	45	4.7	4.3	6.0	5.5
AMMI303020M3R3G00	3.3	52	63	4.5	4.0	5.9	5.4
AMMI303020M4R7G00	4.7	60	73	4.2	3.8	4.8	4.0
AMMI303020M6R8G00	6.8	107	135	3.2	3.0	4.5	3.8
AMMI303020M100G00	10.0	135	160	2.5	2.2	3.8	3.3
AMMI303020M150G00	15.0	235	260	1.8	1.5	2.6	2.2
AMMI404008M100G00	10.0	400	455	1.8	1.5	1.9	1.6
AMMI404008M100G03	10.0	364	428	1.8	1.5	1.9	1.6
AMMI404010M1R0G00	1.0	22	26	7.0	6.5	5.3	4.8
AMMI404010M4R7G00	1.0	120	140	3.4	3.0	3.8	3.5
AMMI404010M100G00	10	220	280	2.5	2.0	2.2	2.0
AMMI404012MR47G00	0.47	11.5	14	9.0	8.5	12	11.5
AMMI404012MR60G00	0.60	12	14.5	8.5	8.0	9.0	8.5
AMMI404012MR68G00	0.68	15	18	8.5	7.5	10	9.0
AMMI404012M1R0G00	1.0	21	25	6.3	5.5	11	10
AMMI404012M1R0G03	1.0	20	23	6.2	5.3	9.0	8.0
AMMI404012M1R5G00	1.5	29	34.5	6.0	5.0	8.0	7.0
AMMI404012M2R2G00	2.2	45	55	5.0	4.5	6.5	6.0

This document is subject to change without notice. The products described herein, and this document are subject to specific disclaimers, set forth at GiantOhm official website, <http://www.giantohm.com/download/cid/22.html>

MPN	Inductance Value	DC resistance		Heat rating current		Saturation current	
	L0 (μH)	RDC, mΩ		I _{rms} , A		I _{sat} , A	
	@(0A)1MHz	Typ.	Max.	Typ.	Max.	Typ.	Max.
AMMI404012M3R3G00	3.3	67	80	4.5	4.0	5.5	5.0
AMMI404012M4R7G00	4.7	90	110	3.5	3.0	5.0	4.5
AMMI404012M5R6G00	5.6	116	140	3.0	2.5	4.5	4.0
AMMI404012M6R8G00	6.8	132	160	2.8	2.3	3.8	3.5
AMMI404012M100G00	10.0	200	235	2.5	2.0	2.8	2.5
AMMI404015M4R7G00	4.7	53	63	5.0	4.5	5.5	5.0
AMMI404015M5R6G00	5.6	66	80	4.5	4.0	4.8	4.3
AMMI404020MR33G00	0.33	5.0	6.0	9.5	8.5	18.0	17.0
AMMI404020MR47G00	0.47	7.0	8.5	8.5	8.0	16.0	15.0
AMMI404020M1R0G00	1.0	12	14.5	6.5	6.0	12.5	11.5
AMMI404020M1R5G00	1.5	18	22	6.0	5.5	10.5	9.5
AMMI404020M2R2G00	2.2	30	36	5.5	5.0	9.5	8.5
AMMI404020M3R3G00	3.3	35	40	6.3	5.8	8.0	7.0
AMMI404020M4R7G00	4.7	47	58	5.0	4.0	6.3	5.5
AMMI404020M6R8G00	6.8	90	105	3.7	3.2	5.4	4.5
AMMI404020M100G00	10	113	135	3.4	3.0	4.9	4.0
AMMI404020M150G00	15	210	250	2.3	1.7	3.5	3.0
AMMI404020M220G00	22	275	330	1.8	1.3	2.9	2.3
AMMI404030MR33G00	0.33	4.5	6.0	16	15	25	23
AMMI404030MR47G00	0.47	5.5	7.0	15	14	23	21
AMMI404030MR56G00	0.56	6.0	7.5	15	14	22	20
AMMI404030MR68G00	0.68	8.3	10	9.5	8.0	17	15
AMMI404030M1R0G00	1.0	10	12	10	9.0	15.5	14
AMMI404030M1R5G00	1.5	15	18	6.5	6.0	12.5	11
AMMI404030M2R2G00	2.2	19	22	9.0	8.5	10.5	9.5
AMMI404030M2R2G01	2.2	22	25	9.2	8.6	11	10
AMMI404030M3R3G00	3.3	30	35	5.3	4.8	8.5	7.5
AMMI404030M4R7G00	4.7	41	46	4.3	4.0	7.0	6.0
AMMI404030M4R7G03	4.7	36	42	6.0	5.5	7.8	6.8
AMMI404030M5R6G00	5.6	41	48	5.5	5.0	7.0	6.2
AMMI404030M6R8G00	6.8	51	62	4.2	3.8	6.3	5.1
AMMI404030M8R2G00	8.2	90	102	3.9	3.5	5.2	4.8
AMMI404030M100G00	10.0	92	110	3.7	3.3	4.9	4.5
AMMI404030M220G00	22.0	190	220	2.5	2.2	3.4	3.0

NOTE

1. All test data is referenced to 25 °C ambient.
2. Test Condition:1MHz, 1.0Vrms.
3. Irms: DC current (A) that will cause an approximate ΔT of 40 °C.
4. Isat: DC current (A) that will cause L0 to drop approximately 30%.
5. Operating Temperature Range -55°C to + 125°C.
6. The part temperature (ambient + temp rise) should not exceed 155 under °C the worst case operating conditions. Circuit design, component placement, PCB trace size and thickness, airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the end application.
7. The rated current as listed is either the saturation current or the heating current depending on which value is lower.

RELIABILITY

Test Item	Test Method	Acceptable criterion
High Temperature Exposure	1000hrs. at rated operating temperature, part can be stored for 1000 hrs. @ 125°C. Unpowered. Measurement at 24±4 hours after test conclusion.	$\Delta L \leq 20\%$
Temperature Cycling	1000 cycles (-40°C to +125°C). Measurement at 24±4 hours after test conclusion. 30min maximum dwell time at each temperature extreme. 1 min. maximum transition time.	$\Delta L \leq 20\%$
Humidity Bias	1000 hours 85°C/85%RH. Unpowered. Measurement at 24±4 hours after test conclusion.	$\Delta L \leq 20\%$
Operational Life	1000 hours at rated power. @ 125 °C. Measurement 24±4 hours after test conclusion.	$\Delta L \leq 20\%$
Resistance to Solvents	Place in a 25 °C solvent for 3 minutes, brush and grind 10 times with 2-3 ounces, and the appearance is normal.	Appearance-No damage
Mechanical Shock	Units are non-operating. Pulse shape : Half-sine waveform Impact acceleration : 100 g's Pulse duration : 6 ms. Number of shocks : 18 shocks (3 shocks for each face)	$\Delta L \leq 20\%$ Appearance-No damage
Vibration	5g force, duration of 20 minutes, 12 cycles in each of the three directions; The frequency is 10-2000Hz.	$\Delta L \leq 20\%$ Appearance-No damage
Resistance to Soldering Heat	260C±5°C/10±1S	$\Delta L \leq 20\%$ Appearance-No damage
ESD	500~1000V	$\Delta L \leq 20\%$
Solderability	Solder Temperature: 245±5°C Immersion Time: 4.5~5s	Coverage must be 95% minimum.
Board Flex	① Solder the chip to the test jig (glass epoxy board) using a eutectic solder. Then apply a force in the direction shown as left. ② Flexure: 2mm. ③ Pressurizing speed: 0.5mm/sec. ④ Keep time: 60(+5) sec.	Appearance-No damage
Terminal Strength (SMD)	① Solder the chip to the testing jig (glass epoxy board) using eutectic solder. Then apply a force in the direction of the arrow. ② 17.7 N force. ③ Keep time: 60(+1) sec.	Appearance-No damage

WORKING ENVIRONMENT

If users intend to use products in special environments or states (including but not limited to the following), it is necessary to approve special characteristics and reliability for the following or other application environments.

- High temperature.
- Near the sea, or corrosive gas, such as Cl₂, H₂S, NH₃, SO₂ and NO₂, etc.
- Unverified liquids, such as water, oil, chemical or organic solvent.
- Unverified resin or paint to cover products.
- Products should be washed with water soluble cleaner even if non cleaning flux.

STORAGE / CARRY CONDITIONS

- Temperature: 15~35°C
- Humidity: 25~70%RH
- Storage life: 1 years. FIFO.
- Please hold box correct orientation when storing and carrying. It is strictly prohibited to fall or squeeze the box, otherwise the product electrode or body may be damaged.

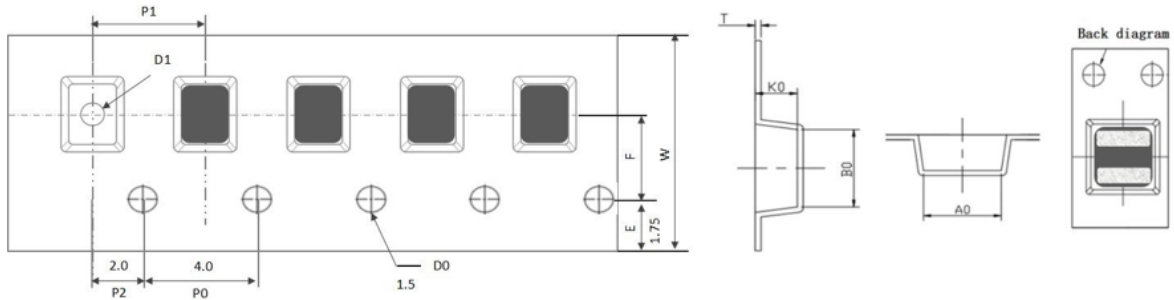
PACKING

■ Taping

The following dimensions are related to the actual fit of the machine , for reference only

● 1608-3030 Series

Embossed Taping

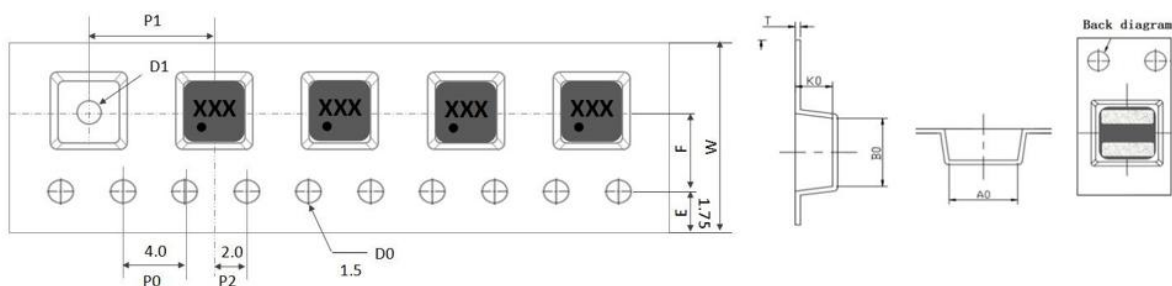


Series	W	A0	B0	D1±0.20	F±0.10	K0	P1±0.10	T±0.05	Packing Quantity
160806	8.0±0.10	1.00±0.05	1.82±0.05	0.6	3.5	0.80±0.10	4.0	0.22	3K
160865	8.0±0.10	1.00±0.05	1.82±0.05	0.6	3.5	0.80±0.10	4.0	0.22	3K
160808	8.0±0.10	1.04±0.05	1.82±0.05	0.6	3.5	0.95±0.05	4.0	0.22	3K
141265	8.0±0.10	1.50+0.10/-0.05	1.70+0.10/-0.05	0.6	3.5	0.80±0.10	4.0	0.22	3K
141207	8.0±0.10	1.50+0.10/-0.05	1.70+0.10/-0.05	0.6	3.5	0.95±0.10	4.0	0.22	3K
141208	8.0±0.10	1.50+0.10/-0.05	1.70+0.10/-0.05	0.6	3.5	0.95±0.10	4.0	0.22	3K
201206	8.0±0.10	1.40+0.10/-0.05	2.25+0.10/-0.05	1.0	3.5	0.80±0.10	4.0	0.25	3K
201265	8.0±0.10	1.40+0.10/-0.05	2.25+0.10/-0.05	1.0	3.5	0.80±0.10	4.0	0.25	3K
201208	8.0±0.10	1.50±0.10	2.30±0.10	1.0	3.5	1.00±0.10	4.0	0.22	3K
201210	8.0±0.10	1.50±0.10	2.35±0.10	1.0	3.5	1.20±0.10	4.0	0.22	3K
201212	8.0±0.10	1.50±0.10	2.35±0.10	1.0	3.5	1.40±0.10	4.0	0.22	3K
201655	8.0±0.10	1.95±0.10	2.45±0.10	1.0	3.5	0.80±0.10	4.0	0.25	3K
201665	8.0±0.10	1.95±0.10	2.45±0.10	1.0	3.5	0.80±0.10	4.0	0.25	3K
201607	8.0±0.10	1.90±0.10	2.35±0.10	1.0	3.5	1.00±0.10	4.0	0.25	3K
201608	8.0±0.10	1.90±0.10	2.35±0.10	1.0	3.5	1.00±0.10	4.0	0.25	3K
201610	8.0±0.10	1.95±0.10	2.35±0.10	1.0	3.5	1.15±0.10	4.0	0.25	3K
201612	8.0±0.10	1.90±0.10	2.30±0.10	1.0	3.5	1.35±0.10	4.0	0.25	3K
252055	8.0±0.10	2.35+0.10/-0.05	2.80+0.10/-0.05	1.0	3.5	0.80±0.10	4.0	0.23	3K
252075	8.0±0.10	2.35+0.10/-0.05	2.80+0.10/-0.05	1.0	3.5	1.00±0.10	4.0	0.23	3K
252008	8.0±0.10	2.35+0.10/-0.05	2.80+0.10/-0.05	1.0	3.5	1.00±0.10	4.0	0.23	3K
252010	8.0±0.10	2.45±0.10	2.80±0.10	1.0	3.5	1.20±0.10	4.0	0.25	3K
252012	8.0±0.10	2.35+0.10/-0.05	2.80+0.10/-0.05	1.0	3.5	1.35±0.10	4.0	0.23	3K
322510	8.0±0.10	2.80+0.10/-0.05	3.50+0.10/-0.05	1.0	3.5	1.15±0.10	4.0	0.25	3K
322512	8.0±0.10	2.90+0.10/-0.05	3.50+0.10/-0.05	1.0	3.5	1.35±0.10	4.0	0.25	3K
322520	8.0±0.10	2.90+0.10/-0.05	3.50+0.10/-0.05	1.0	3.5	2.20±0.10	4.0	0.23	2K
303010	12.0±0.30	3.40±0.10	3.40±0.10	1.5	5.5	1.40±0.10	8.0	0.30	3K
303012	12.0±0.30	3.40±0.10	3.40±0.10	1.5	5.5	1.40±0.10	8.0	0.30	3K
303015	12.0±0.30	3.40±0.10	3.40±0.10	1.5	5.5	1.70±0.10	8.0	0.30	3K
303018	12.0±0.30	3.25±0.10	3.25±0.10	1.5	5.5	2.00±0.10	8.0	0.23	3K
303020	12.0±0.30	3.40±0.10	3.45±0.10	1.5	5.5	2.20±0.10	8.0	0.30	3K

Unit: mm

● 4040 Series

Embossed Taping

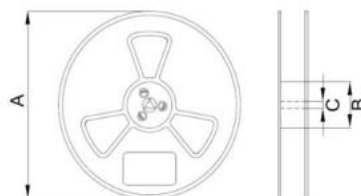


Series	W	A0	B0	D1±0.20	F±0.10	K0	P1±0.10	T±0.05	Packing Quantity
404008	12.0	4.40	4.40	1.5	5.5	1.00	8.0	0.30	3K
404010	12.0	4.40	4.40	1.5	5.5	1.30	8.0	0.30	3K
404012	12.0	4.40	4.40	1.5	5.5	1.30	8.0	0.30	3K
404015	12.0	4.40	4.40	1.5	5.5	1.70	8.0	0.30	3K
404020	12.0	4.40	4.40	1.5	5.5	2.20	8.0	0.30	3K
404030	12.0	4.40	4.40	1.5	5.5	3.10	8.0	0.35	2K

Unit: mm

■ Reel

Reel

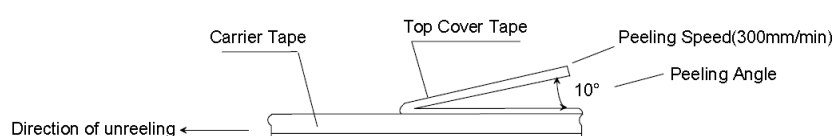


Size	A±2.0	B±2.0	C±2.0
160806	178	60	13.0
160865	178	60	13.0
160808	178	60	13.0
141265	178	60	13.0
141207	178	60	13.0
141208	178	60	13.0
201206	178	60	13.0
201265	178	60	13.0
201208	178	60	13.0
201210	178	60	13.0
201212	178	60	13.0
201655	178	60	13.0
201665	178	60	13.0

201607	178	60	13.0
201608	178	60	13.0
201610	178	60	13.0
201610	178	60	13.0
201612	178	60	13.0
252055	178	60	13.0
252075	178	60	13.0
252008	178	60	13.0
252010	178	60	13.0
252012	178	60	13.0
322510	178	60	13.0
322512	178	60	13.0
322520	178	60	13.0
303010	178	60	13.0
303012	178	60	13.0
303015	178	60	13.0
303018	178	60	13.0
303020	178	60	13.0
404008	330	100	13.0
404010	330	100	13.0
404012	330	100	13.0
404015	330	100	13.0
404020	330	100	13.0
404030	330	100	13.0

Unit: mm

COVER TAPE PEEL OFF



- Please keep peeling speed under 300mm per minute.
- Please keep the angle between cover tape and direction of unreeling narrower than 10 degrees.
- There is a limit of adhesive force between cover tape and carrier tape or embossed tape, please hold it between 0.1N to 1.3N.

LEGAL DISCLAIMER

1. Right to Modify Information

- NingBo Giantohm Micro Electronics Technology Co., Ltd. (hereinafter referred to as Giantohm, including distributors and agents, the same applies hereinafter) retains the right to interpret, update, and revise product information (specifications, data, images, etc.).
- Product information shall be subject to the published version on GiantOhm official website (www.giantohm.com). Please note to check for updates.

2. Limitation of Liability

To the maximum extent permitted by applicable laws, GiantOhm shall not be liable for:

- **Misuse Liability:** All liabilities arising from improper use or application of the products.
- **Damages:** Any direct/indirect losses (including loss of profit, special damages, punitive damages, etc.) caused by improper use or application of the products, regardless of the legal theory (contract, tort, or otherwise).
- **Implied Warranties:** Exclusion of implied fitness warranties for a particular purpose, non-infringement, and merchantability (except as mandated by law).

3. Product Use Scope and Technical Advice Liability

- Statements regarding the suitability of products for certain types of applications are based on GiantOhm knowledge of typical requirements that are often placed on GiantOhm products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the user's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.
- Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each user application by the user's technical experts for the application, with the user assuming full responsibility.
- Except as expressly indicated in writing, GiantOhm products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the GiantOhm product could result in personal injury or death. users using or selling GiantOhm products not expressly indicated for use in such applications do so at their own risk.

4. Combined Use Risk

- When the product is used in combination with other materials or processes, the Buyer assumes all risks and liabilities. GiantOhm does not warrant the suitability of the combination and shall not be liable for any responsibilities.

5. Disclaimer Updates

- The updated Terms shall prevail over previous versions and shall be subject to the latest version published on the official website (<http://www.giantohm.com/download/cid/22.html>), except for transactions concluded prior to the effective date of the amendments.
- Continued use of the products by the user after the Terms update shall constitute deemed acceptance of the new Terms.

6. Effectiveness:

- This disclaimer does not exclude liability for personal injury caused by intentional misconduct or gross negligence, or other liabilities prohibited from exclusion by law.

[illegible]