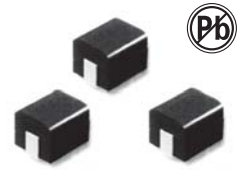


SURFACE-MOUNT WOUND WOLDED CHIP INDUCTORS FAAISM-1008 SERIES



FEATURES:

Molded construction
Heat Resistant Molded Resin
Excellent Mechanical Strength
Excellent Solderability
High reliability
Low Profile
Lead free are RoHS complaint

OPTIONS:

Packaging:Tape & Reel is standard
[Qty:2000pcs]
Bulk packaging available for smaller quantities
Tolerance:10% and 5% is standard,
tighter tolerances available

COMMON APPLICATIONS:

VCRs DC/DC Converts
Video Cameras CTV,VCR HIC
Communication System
Automotive Systems
LCD/PDP Televisions
Hard Disk Drives
Network Systems
Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

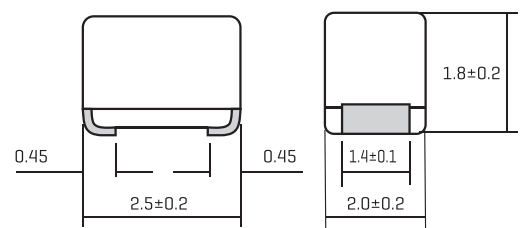
Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz	Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz
FAAISM-1008-R010K	.010	\pm 10	10	2150	0.26	530	100	FAAISM-1008-1R2J	1.2	\pm 5	30	180	1.20	230	7.96
FAAISM-1008-R012K	.012	\pm 10	15	2050	0.27	500	100	FAAISM-1008-1R5J	1.5	\pm 5	30	135	1.30	200	7.96
FAAISM-1008-R015K	.015	\pm 10	15	1850	0.31	480	100	FAAISM-1008-1R8J	1.8	\pm 5	30	100	1.45	210	7.96
FAAISM-1008-R018K	.018	\pm 10	15	1650	0.34	450	100	FAAISM-1008-2R2J	2.2	\pm 5	30	75	1.55	200	7.96
FAAISM-1008-R022K	.022	\pm 10	15	1550	0.38	420	100	FAAISM-1008-2R7J	2.7	\pm 5	30	55	1.70	195	7.96
FAAISM-1008-R027K	.027	\pm 10	15	1400	0.42	410	100	FAAISM-1008-3R3J	3.3	\pm 5	30	48	1.90	185	7.96
FAAISM-1008-R033K	.033	\pm 10	15	1250	0.46	400	100	FAAISM-1008-3R9J	3.9	\pm 5	30	43	2.10	180	7.96
FAAISM-1008-R039K	.039	\pm 10	20	1100	0.50	380	100	FAAISM-1008-4R7J	4.7	\pm 5	30	40	2.30	175	7.96
FAAISM-1008-R047K	0.47	\pm 10	20	1050	0.56	360	100	FAAISM-1008-5R6J	5.6	\pm 5	25	36	2.50	170	7.96
FAAISM-1008-R056K	0.56	\pm 10	20	950	0.65	340	100	FAAISM-1008-6R8J	6.8	\pm 5	25	33	2.70	165	7.96
FAAISM-1008-R068K	0.68	\pm 10	20	900	0.70	320	100	FAAISM-1008-8R2J	8.2	\pm 5	25	30	3.05	160	7.96
FAAISM-1008-R082K	0.82	\pm 10	20	850	0.75	300	100	FAAISM-1008-100J	10	\pm 5	25	27	3.50	155	2.52
FAAISM-1008-R10K	.10	\pm 10	20	700	0.80	280	100	FAAISM-1008-120J	12	\pm 5	25	23	3.80	150	2.52
FAAISM-1008-R12K	.12	\pm 10	30	600	0.37	520	25.2	FAAISM-1008-150J	15	\pm 5	25	20	4.40	140	2.52
FAAISM-1008-R15K	.15	\pm 10	30	550	0.42	480	25.2	FAAISM-1008-180J	18	\pm 5	25	18	4.80	130	2.52
FAAISM-1008-R18K	.18	\pm 10	30	500	0.46	460	25.2	FAAISM-1008-220J	22	\pm 5	25	17	5.50	125	2.52
FAAISM-1008-R22K	.22	\pm 10	30	450	0.52	430	25.2	FAAISM-1008-270J	27	\pm 5	25	16	6.30	115	2.52
FAAISM-1008-R27K	.27	\pm 10	30	425	0.56	420	25.2	FAAISM-1008-330J	33	\pm 5	20	15	7.10	110	2.52
FAAISM-1008-R33K	.33	\pm 10	30	400	0.60	400	25.2	FAAISM-1008-390J	39	\pm 5	20	14	9.50	90	2.52
FAAISM-1008-R39K	.39	\pm 10	30	375	0.65	375	25.2	FAAISM-1008-470J	47	\pm 5	20	13	11.10	80	2.25
FAAISM-1008-R47K	.47	\pm 10	30	350	0.68	350	25.2	FAAISM-1008-560J	56	\pm 5	20	12	12.10	75	2.52
FAAISM-1008-R56K	.56	\pm 10	30	300	0.75	325	25.2	FAAISM-1008-680J	68	\pm 5	20	11	16.60	70	2.52
FAAISM-1008-R68K	.68	\pm 10	30	270	0.85	300	25.2	FAAISM-1008-820J	82	\pm 5	20	10	19.00	65	2.52
FAAISM-1008-R82K	.82	\pm 10	30	250	1.00	260	25.2	FAAISM-1008-101J	100	\pm 5	15	9	21.00	60	0.796
FAAISM-1008-1R0J	1.00	\pm 5	30	220	1.10	245	7.96								

Note:J= \pm 5%, K= \pm 10%, M= \pm 20%, N= \pm 30%

TECHNICAL INFORMATION:

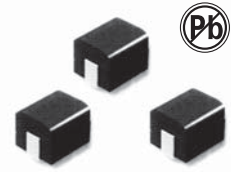
Testing: [Equivalent acceptable]
Q: .010uH to .10uH-HP4291A
12uH to 100uH-HP4285A
SRF: .010uH to .10uH-HP8720B
12uH to 100uH-HP4191A
RDC: QuadTech 1880 Milliohm meter
Inductance:.010uH to .10uH-HP4291A: .12uH to 10uH-HP4285A
Solderability:90% Terminal coverage Preheat @ 230°C \pm 5°C for 5 \pm .5 seconds
Flux: Methanol solution with 25% colophony
IDC:The maximum DCvalue having L decrease within 10% and Temperature Increase only 20°C with the application of DC bias
Operating Temperature: -40°C to +105°C
Storage Temperature: -40°C to +105°C
Note:All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:



Dimensions:mm

SURFACE-MOUNT WOUND WOLDED CHIP INDUCTORS FAAISM-1210 SERIES



FEATURES :

- Molded construction
- Heat Resistant Molded Resin
- Excellent Mechanical Strength
- Excellent Solderability
- High reliability
- Low Profile

OPTIONS:

- Packaging:Tape & Reel is standard (Qty:2000pcs)
- Bulk packaging available for smaller quantities
- Tolerance:10% and 5% is standard, tighter tolerances available

COMMON APPLICATIONS:

- VCRs
- Video Cameras
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Hard Disk Drives
- Network Systems
- Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

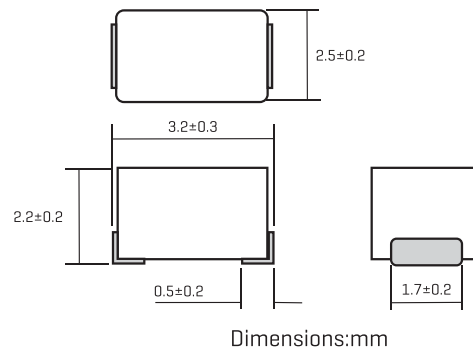
Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz	Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz
FAAISM-1210-R12M	0.12	± 20	30	500	0.22	450	25.2	FAAISM-1210-8R2K	8.2	± 10	30	40	2.0	170	7.96
FAAISM-1210-R15M	0.15	± 20	30	450	0.25	450	25.2	FAAISM-1210-100K	10	± 10	30	36	2.1	150	2.52
FAAISM-1210-R18M	0.18	± 20	30	400	0.28	450	25.2	FAAISM-1210-120K	12	± 10	30	33	2.5	140	2.52
FAAISM-1210-R22M	0.22	± 20	30	350	0.32	450	25.2	FAAISM-1210-150K	15	± 10	30	30	2.8	130	2.52
FAAISM-1210-R27M	0.27	± 20	30	320	0.36	450	25.2	FAAISM-1210-180K	18	± 10	30	27	3.3	120	2.52
FAAISM-1210-R33M	0.33	± 20	30	300	0.40	450	25.2	FAAISM-1210-220K	22	± 10	30	25	3.7	110	2.52
FAAISM-1210-R39M	0.39	± 20	30	250	0.45	450	25.2	FAAISM-1210-270K	27	± 10	30	20	5.0	80	2.52
FAAISM-1210-R47M	0.47	± 20	30	220	0.50	450	25.2	FAAISM-1210-330K	33	± 10	30	17	5.6	70	2.52
FAAISM-1210-R56M	0.56	± 20	30	180	0.55	450	25.2	FAAISM-1210-390K	39	± 10	30	16	6.4	65	2.52
FAAISM-1210-R68M	0.68	± 20	30	160	0.60	450	25.2	FAAISM-1210-470K	47	± 10	30	15	7.0	60	2.52
FAAISM-1210-R82M	0.82	± 20	30	140	0.65	450	25.2	FAAISM-1210-560K	56	± 10	30	13	8.0	55	2.52
FAAISM-1210-1R0K	1.0	± 10	30	120	0.70	400	7.96	FAAISM-1210-680K	68	± 10	30	12	9.0	50	2.52
FAAISM-1210-1R2K	1.2	± 10	30	100	0.75	390	7.96	FAAISM-1210-820K	82	± 10	30	11	10	45	2.52
FAAISM-1210-1R5K	1.5	± 10	30	85	0.85	370	7.96	FAAISM-1210-101K	100	± 10	20	10	10	40	0.796
FAAISM-1210-1R8K	1.8	± 10	30	80	0.90	350	7.96	FAAISM-1210-121K	120	± 10	20	10	11	70	0.796
FAAISM-1210-2R2K	2.2	± 10	30	75	1.0	320	7.96	FAAISM-1210-151K	150	± 10	20	8	15	65	0.796
FAAISM-1210-2R7K	2.7	± 10	30	70	1.1	290	7.96	FAAISM-1210-181K	180	± 10	20	7	17	60	0.796
FAAISM-1210-3R3K	3.3	± 10	30	60	1.2	270	7.96	FAAISM-1210-221K	220	± 10	20	7	21	50	0.796
FAAISM-1210-3R9K	3.9	± 10	30	55	1.3	250	7.96	FAAISM-1210-271K	270	± 10	20	6	28	45	0.796
FAAISM-1210-4R7K	4.7	± 10	30	50	1.5	220	7.96	FAAISM-1210-331K	330	± 10	20	5	34	40	0.796
FAAISM-1210-5R6K	5.6	± 10	30	47	1.6	200	7.96	FAAISM-1210-391K	390	± 10	20	5	42	35	0.796
FAAISM-1210-6R8K	6.8	± 10	30	43	1.8	180	7.96	FAAISM-1210-471K	470	± 10	20	4	40	25	0.796

Note:J= $\pm 5\%$, K= $\pm 10\%$,M= $\pm 20\%$,N= $\pm 30\%$

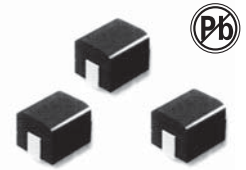
TECHNICAL INFORMATION:

- Testing: [Equivalent acceptable]
- Inductance:HP4285A
- RDC:QuadTech 1880 Milliohm-meter
- Q:HP4342A
- SRF:HP4291A
- IDC Max:Determined when superimposed DC current is decreased 10% against its initial value
- Operating temperature:-25°C to +85°C
- Storage Temperature:-40°C to +85°C
- Solder methods:Wave,Vapor Phase,Infrared
- Resistance to soldering heat:260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E
- Marking: Inductance & Tolerance
- Note:All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:



SURFACE-MOUNT WOUND WOLDED CHIP INDUCTORS FAAISM-1812 SERIES



FEATURES:

Molded construction
Heat Resistant Molded Resin
Excellent Mechanical Strength
Excellent Solderability
High reliability
Low Profile

OPTIONS:

Packaging:Tape & Reel is standard
(Qty:500pcs)
Bulk packaging available for smaller quantities
Tolerance:10% and 5% is standard,
tighter tolerances available

COMMON APPLICATIONS:

VCRs
Video Cameras
Communication System
Automotive Systems
Liquid Crystal Televisions
Hard Disk Drives
Network Systems
Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS

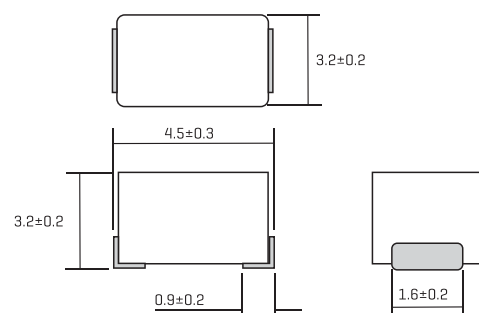
Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz	Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz
FAAISM-1812-R10M	.10	\pm 20	35	300	0.18	800	25.2	FAAISM-1812-150K	15	\pm 10	50	17	2.50	200	2.52
FAAISM-1812-R12M	.12	\pm 20	35	280	0.20	770	25.2	FAAISM-1812-180K	18	\pm 10	50	15	2.80	190	2.52
FAAISM-1812-R15M	.15	\pm 20	35	250	0.22	730	25.2	FAAISM-1812-220K	22	\pm 10	50	13	3.20	180	2.52
FAAISM-1812-R18M	.18	\pm 20	35	220	0.24	700	25.2	FAAISM-1812-270K	27	\pm 10	50	12	3.60	170	2.52
FAAISM-1812-R22M	.22	\pm 20	40	200	0.25	665	25.2	FAAISM-1812-330K	33	\pm 10	50	11	4.00	160	2.52
FAAISM-1812-R27M	.27	\pm 20	40	180	0.26	635	25.2	FAAISM-1812-390K	39	\pm 10	50	10	4.50	150	2.52
FAAISM-1812-R33M	.33	\pm 20	40	165	0.28	605	25.2	FAAISM-1812-470K	47	\pm 10	50	10	5.00	140	2.52
FAAISM-1812-R39M	.39	\pm 20	40	150	2.30	575	25.2	FAAISM-1812-560K	56	\pm 10	50	9.0	5.50	135	2.52
FAAISM-1812-R47M	.47	\pm 20	40	145	0.32	545	25.2	FAAISM-1812-680K	68	\pm 10	50	9.0	6.00	130	2.52
FAAISM-1812-R56M	.56	\pm 20	40	140	0.36	520	25.2	FAAISM-1812-820K	82	\pm 10	50	8.0	7.00	120	2.52
FAAISM-1812-R68M	.68	\pm 20	40	135	0.40	500	25.2	FAAISM-1812-101K	100	\pm 10	40	8.0	8.00	110	.796
FAAISM-1812-R82M	.82	\pm 20	40	130	0.45	475	25.2	FAAISM-1812-121K	120	\pm 10	40	6.0	8.00	110	.796
FAAISM-1812-1R0K	1.0	\pm 10	50	100	0.50	450	7.96	FAAISM-1812-151K	150	\pm 10	40	5.0	9.00	105	.796
FAAISM-1812-1R2K	1.2	\pm 10	50	80	0.55	430	7.96	FAAISM-1812-181K	180	\pm 10	40	5.0	9.50	102	.796
FAAISM-1812-1R8K	1.8	\pm 10	50	60	0.65	390	7.96	FAAISM-1812-221K	220	\pm 10	40	4.0	10.0	100	.796
FAAISM-1812-2R2K	2.2	\pm 10	50	55	0.70	380	7.96	FAAISM-1812-271K	270	\pm 10	40	4.0	12.0	92	.796
FAAISM-1812-3R3K	3.3	\pm 10	50	45	0.80	355	7.96	FAAISM-1812-331K	330	\pm 10	40	3.5	14.0	85	.796
FAAISM-1812-3R9K	3.9	\pm 10	50	40	0.90	330	7.96	FAAISM-1812-391K	390	\pm 10	40	3.0	18.0	80	.796
FAAISM-1812-4R7K	4.7	\pm 10	50	35	1.00	315	7.96	FAAISM-1812-471K	470	\pm 10	40	3.0	26.0	62	.796
FAAISM-1812-5R6K	5.6	\pm 10	50	33	1.10	300	7.96	FAAISM-1812-561K	560	\pm 10	30	3.0	30.0	50	.796
FAAISM-1812-6R8K	6.8	\pm 10	50	27	1.20	285	7.96	FAAISM-1812-681K	680	\pm 10	30	3.0	30.0	50	.796
FAAISM-1812-8R2K	8.2	\pm 10	50	25	1.40	270	7.96	FAAISM-1812-821K	820	\pm 10	30	2.5	35.0	30	.796
FAAISM-1812-100K	10	\pm 10	50	20	1.60	250	2.52	FAAISM-1812-102K	1000	\pm 10	20	2.5	40.0	30	.252
FAAISM-1812-120K	12	\pm 10	50	18	2.00	225	2.52								

Note:J= \pm 5%, K= \pm 10%, M= \pm 20%, N= \pm 30%

TECHNICAL INFORMATION:

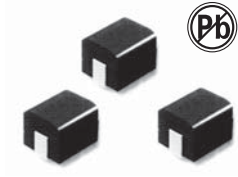
Testing: [Equivalent acceptable]
Inductance:HP4285A
RDC:QuadTech 1880 Milliohmmerter -Q- HP4342A - SRF-HP4191A
IDC Max:Determined when superimposed
DC current is decreased 10% against its initial value
Operating temperature: -40°C to +105°C
Storage Temperature: -40°C to +105°C
Solder methods: Vapor Phase,Infrared Reflow
Resistance to soldering heat:260°C for 10 seconds
Solvent resistance: Conforms to MIL-STD-202E
Marking: Inductance & Tolerance
Note:All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:



Dimensions:mm

SURFACE-MOUNT WOUND WOLDED CHIP INDUCTORS FAAISM-2220 SERIES



FEATURES :

- Molded construction
- Heat Resistant Molded Resin
- Excellent Mechanical Strength
- Excellent Solderability
- High reliability
- Low Profile

OPTIONS:

- Packaging:Tape & Reel is standard [Qty:500pcs]
- Bulk packaging available for smaller quantities
- Tolerance:10% and 5% is standard, tighter tolerances available

COMMON APPLICATIONS:

- VCRs
- Video Cameras
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Hard Disk Drives
- Network Systems
- Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS

Part Number	L μ H	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz	Part Number	L μ H	Q Min	SRF MHz Min	DCR ohm Max	IDC Max mA	Test Freq MHz
FAAISM-2220-1R0K	1.00	10	95	0.030	1800	7.96	FAAISM-2220-121K	120	20	5.4	1.9	230	0.796
FAAISM-2220-1R2K	1.20	10	70	0.035	1700	7.96	FAAISM-2220-151K	150	20	4.8	2.2	210	0.796
FAAISM-2220-1R5K	1.50	10	55	0.04	1600	7.96	FAAISM-2220-181K	180	20	4.4	2.8	190	0.796
FAAISM-2220-1R8K	1.80	10	47	0.05	1400	7.96	FAAISM-2220-221K	220	20	3.9	3.4	170	0.796
FAAISM-2220-2R2K	2.20	10	42	0.06	1300	7.96	FAAISM-2220-271K	270	20	3.6	4.2	155	0.796
FAAISM-2220-2R7K	2.70	10	37	0.07	1200	7.96	FAAISM-2220-331K	330	20	3.2	4.9	140	0.796
FAAISM-2220-3R3K	3.30	10	34	0.08	1120	7.96	FAAISM-2220-391K	390	20	2.9	5.8	130	0.796
FAAISM-2220-3R9K	3.90	10	32	0.09	1050	7.96	FAAISM-2220-471K	470	20	2.6	7.0	120	0.796
FAAISM-2220-4R7K	4.70	10	29	0.11	950	7.96	FAAISM-2220-561K	560	20	2.4	8.5	110	0.796
FAAISM-2220-5R6K	5.60	10	26	0.13	880	7.96	FAAISM-2220-681K	680	20	2.2	10	100	0.796
FAAISM-2220-6R8K	6.80	10	24	0.15	810	7.96	FAAISM-2220-821K	820	20	2.0	13	90	0.796
FAAISM-2220-8R2K	8.20	10	22	0.18	750	7.96	FAAISM-2220-102K	1000	20	1.8	15	85	0.252
FAAISM-2220-100K	10.00	10	19	0.21	690	2.52	FAAISM-2220-122J	1200	30	1.5	17	75	0.252
FAAISM-2220-120K	12.00	10	17	0.25	630	2.52	FAAISM-2220-152J	1500	30	1.4	20	70	0.252
FAAISM-2220-150K	15.00	10	16	0.30	580	2.52	FAAISM-2220-182J	1800	30	1.3	30	60	0.252
FAAISM-2220-180K	18.00	10	14	0.36	530	2.52	FAAISM-2220-222J	2200	30	1.2	35	55	0.252
FAAISM-2220-220K	22.00	10	13	0.43	480	2.52	FAAISM-2220-272J	2700	30	1.1	55	45	0.252
FAAISM-2220-270K	27.00	10	11.5	0.52	440	2.52	FAAISM-2220-332J	3300	30	1.0	60	40	0.252
FAAISM-2220-330K	33.00	10	10.5	0.62	400	2.52	FAAISM-2220-392J	3900	30	1.0	70	38	0.252
FAAISM-2220-390K	39.00	10	9.5	0.72	370	2.52	FAAISM-2220-472J	4700	30	0.9	78	36	0.252
FAAISM-2220-470K	47.00	10	8.5	0.85	340	2.52	FAAISM-2220-562J	5600	30	0.8	85	33	0.252
FAAISM-2220-560K	56.00	10	7.8	1.0	310	2.52	FAAISM-2220-682J	6800	30	0.7	110	30	0.252
FAAISM-2220-680K	68.00	10	7.0	1.2	290	2.52	FAAISM-2220-822J	8200	30	0.6	125	28	0.252
FAAISM-2220-820K	82.00	10	6.4	1.4	270	2.52	FAAISM-2220-103J	10000	20	0.5	150	25	0.0796
FAAISM-2220-101K	100	20	6.0	1.6	250	0.796							

Note:1. J=±5%,K=±10%,M=±20%,

TECHNICAL INFORMATION:

- Testing: [Equivalent acceptable]
- Inductance:HP4285A
- RDC:QuadTech 1880 Milliohmeter
- Q- HP4342A - SRF-HP4191A
- IDC Max:Determined when superimposed
- DC current is decreased 10% against its initial value
- Operating temperature: -40°C to +105°C
- Storage Temperature: -40°C to +105°C
- Solder methods: Vapor Phase,Infrared Reflow
- Resistance to soldering heat:260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E
- Marking: Inductance & Tolerance
- Note:All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:

