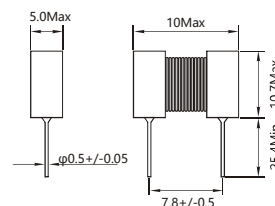


SH-IFC 1010 SERIES THROUGH-HOLE RADIAL FLAT POWER INDUCTORS



FEATURES:

- Ferrite Core
- Wire-wound construction
- Narrow Design for densely mount
- High reliability, Ideal for automatic insertion
- Small Size, Low Cost
- Wide Range of Inductance Values
- High Q SRF
- Packaging:
Tape & Reel is Standard
Bulk packaging available for smaller quantities
- Tolerance: 10% is standard
tighter tolerances available
- VCRs, PDP, LCD, TV set
- Automotive Systems
- Computer Peripheral Equipment
- GPS, DC/DC convertor, XDSL Modem
- Electronic Games
- Communications Equipment
- General Electronic Applications

TECHNICAL INFORMATION:

- IDC Max:
Determined when superimposed
- Testing: (Equivalent acceptable)
Inductance: HP4342A
RDC: QuadTech 1880 Milliohmmeter
Q- HP4342A- SRF-HP4191A
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



Additional information:
We reserve the right to make technical changes or modify the contents of this document without prior notice.
SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

STANDARD SPECIFICATIONS:

Part Number	L (μH)	L Test Freq (MHz)	Q (Min)	Q Test Freq (MHz)	DCR (ΩMax)	IDC (Amax)	Part Number	L (μH)	L Test Freq (MHz)	Q (Min)	Q Test Freq (MHz)	DCR (ΩMax)	IDC (Amax)
SH-IFC1010-1R0K	1.0	7.96	45	7.96	0.015	7.0	SH-IFC1010-820K	82	2.52	50	2.52	1.198	0.86
SH-IFC1010-1R2K	1.2	7.96	39	7.96	0.012	6.0	SH-IFC1010-101K	100	0.796	80	0.796	1.600	0.70
SH-IFC1010-1R5K	1.5	7.96	33	7.96	0.014	5.0	SH-IFC1010-121K	120	0.796	70	0.796	1.725	0.65
SH-IFC1010-1R8K	1.8	7.96	37	7.96	0.020	4.8	SH-IFC1010-151K	150	0.796	70	0.796	1.855	0.60
SH-IFC1010-2R2K	2.2	7.96	38	7.96	0.025	4.4	SH-IFC1010-181K	180	0.796	70	0.796	2.070	0.58
SH-IFC1010-2R5K	2.5	7.96	40	7.96	0.030	4.1	SH-IFC1010-221K	220	0.796	50	0.796	2.105	0.49
SH-IFC1010-2R7K	2.7	7.96	43	7.96	0.028	4.0	SH-IFC1010-251K	250	0.796	40	0.796	2.700	0.49
SH-IFC1010-3R3K	3.3	7.96	35	7.96	0.036	3.7	SH-IFC1010-331K	330	0.796	50	0.796	3.335	0.41
SH-IFC1010-3R9K	3.9	7.96	37	7.96	0.050	3.4	SH-IFC1010-391K	390	0.796	45	0.796	3.450	0.39
SH-IFC1010-4R7K	4.7	7.96	37	7.96	0.053	3.2	SH-IFC1010-471K	470	0.796	40	0.796	5.290	0.35
SH-IFC1010-5R0K	5.0	7.96	40	7.96	0.080	2.90	SH-IFC1010-561K	560	0.796	40	0.796	5.405	0.32
SH-IFC1010-5R6K	5.6	7.96	38	7.96	0.092	2.80	SH-IFC1010-681K	680	0.796	45	0.796	5.930	0.29
SH-IFC1010-6R8K	6.8	7.96	29	7.96	0.113	2.60	SH-IFC1010-751K	750	0.796	30	0.796	4.200	0.28
SH-IFC1010-8R2K	8.2	2.52	30	2.52	0.110	2.50	SH-IFC1010-821K	820	0.796	40	0.796	6.325	0.27
SH-IFC1010-100K	10	2.52	80	2.52	0.190	2.10	SH-IFC1010-102K	1000	0.252	70	0.252	8.600	0.21
SH-IFC1010-120K	12	2.52	40	2.52	0.140	2.00	SH-IFC1010-122K	1200	0.252	70	0.252	10.00	0.21
SH-IFC1010-150K	15	2.52	40	2.52	0.158	1.60	SH-IFC1010-152K	1500	0.252	62	0.252	14.26	0.19
SH-IFC1010-180K	18	2.52	40	2.52	0.180	1.60	SH-IFC1010-182K	1800	0.252	62	0.252	15.76	0.17
SH-IFC1010-220K	22	2.52	40	2.52	0.230	1.40	SH-IFC1010-222K	2200	0.252	60	0.252	17.70	0.15
SH-IFC1010-250K	25	2.52	50	2.52	0.500	1.30	SH-IFC1010-252K	2500	0.252	60	0.252	18.00	0.14
SH-IFC1010-270K	27	2.52	50	2.52	0.2835	1.30	SH-IFC1010-272K	2700	0.252	60	0.252	19.10	0.14
SH-IFC1010-330K	33	2.52	45	2.52	0.346	1.20	SH-IFC1010-332K	3300	0.252	50	0.252	21.74	0.13
SH-IFC1010-390K	39	2.52	45	2.52	0.371	1.10	SH-IFC1010-392K	3900	0.252	50	0.252	26.00	0.12
SH-IFC1010-470K	47	2.52	45	2.52	0.502	1.03	SH-IFC1010-472K	4700	0.252	50	0.252	28.90	0.11
SH-IFC1010-500K	50	2.52	40	2.52	1.100	1.00	SH-IFC1010-602K	6000	0.252	35	0.252	31.00	0.10
SH-IFC1010-560K	56	2.52	40	2.52	0.687	0.95	SH-IFC1010-752K	7500	0.252	25	0.252	50.00	0.08
SH-IFC1010-680K	68	2.52	40	2.52	0.808	0.90	SH-IFC1010-103K	10000	0.252	25	0.252	70.00	0.07
SH-IFC1010-750K	75	2.52	40	2.52	1.200	0.86							

Note: 1. K = ±10%, M = ±20%