

THROUGH-HOLE RADIAL SHIELDED POWER INDUCTOR FALGS0606-0708 SERIES



FEATURES:

Magnetically Shielded Construction
Heat Resistant Molded Resin
Excellent Mechanical Strength
Excellent Solderability
High Reliability
Low Profile

OPTIONS:

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

COMMON APPLICATIONS:

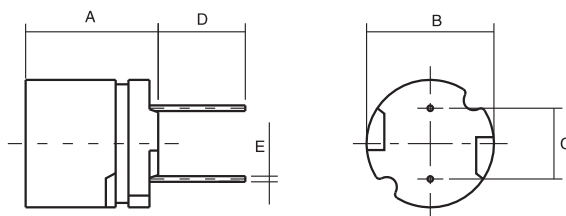
VCRs, AC/DC, DC/DC Converter
Video Cameras
Communication Systems
Automotive Systems
Liquid Crystal Televisions
Power Supplier
Network Systems
Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS

Part Number	L μ H	Test Freq Mhz	DCR ohm Max	IDC Max mA	Part Number	L μ H	Test Freq Mhz	DCR ohm Max	IDC Max mA
FALGS0606-220M	22	2.52	0.13	960	FALGS0708-220M	22	2.52	0.08	1600
FALGS0606-270M	27	2.52	0.18	870	FALGS0708-270M	27	2.52	0.10	1400
FALGS0606-330M	33	2.52	0.21	780	FALGS0708-330M	33	2.52	0.14	1300
FALGS0606-390M	39	2.52	0.26	720	FALGS0708-390M	39	2.52	0.15	1200
FALGS0606-470M	47	2.52	0.29	660	FALGS0708-470M	47	2.52	0.17	1100
FALGS0606-560K	56	2.52	0.33	600	FALGS0708-560K	56	2.52	0.19	990
FALGS0606-680K	68	2.52	0.36	550	FALGS0708-680K	68	2.52	0.21	890
FALGS0606-820K	82	2.52	0.39	500	FALGS0708-820K	82	2.52	0.27	810
FALGS0606-101K	100	0.001	0.54	450	FALGS0708-101K	100	0.001	0.32	740
FALGS0606-121K	120	0.001	0.62	410	FALGS0708-121K	120	0.001	0.36	670
FALGS0606-151K	150	0.001	0.72	370	FALGS0708-151K	150	0.001	0.51	600
FALGS0606-181K	180	0.001	0.88	340	FALGS0708-181K	180	0.001	0.57	550
FALGS0606-221K	220	0.001	0.99	300	FALGS0708-221K	220	0.001	0.76	500
FALGS0606-271K	270	0.001	1.52	270	FALGS0708-271K	270	0.001	0.86	450
FALGS0606-331K	330	0.001	1.69	250	FALGS0708-331K	330	0.001	0.97	410
FALGS0606-391K	390	0.001	1.85	230	FALGS0708-391K	390	0.001	1.28	370
FALGS0606-471K	470	0.001	2.85	210	FALGS0708-471K	470	0.001	1.44	340
FALGS0606-561K	560	0.001	3.21	190	FALGS0708-561K	560	0.001	1.61	310
FALGS0606-681K	680	0.001	3.60	170	FALGS0708-681K	680	0.001	2.07	280
FALGS0606-821K	820	0.001	4.87	160	FALGS0708-821K	820	0.001	2.33	260
FALGS0606-102K	1000	0.001	5.65	140	FALGS0708-102K	1000	0.001	2.72	230
					FALGS0708-122K	1200	0.001	3.98	210
					FALGS0708-152K	1500	0.001	4.50	190
					FALGS0708-182K	1800	0.001	6.81	170
					FALGS0708-222K	2200	0.001	7.56	160
					FALGS0708-272K	2700	0.001	8.54	140
					FALGS0708-332K	3300	0.001	9.74	130
					FALGS0708-392K	3900	0.001	12.9	120
					FALGS0708-472K	4700	0.001	14.7	110
					FALGS0708-562K	5600	0.001	20.4	99
					FALGS0708-682K	6800	0.001	23.0	89
					FALGS0708-822K	8200	0.001	30.6	81
					FALGS0708-102K	10000	0.001	35.0	74

Note: L: K=±10%, M=±20%, N=±30%

PHYSICAL CHARACTERISTICS



DIMENSIONS in mm

Part number	A	B	C	D	E
FALGS0606	6.5Max	6.0±0.5	4.0±0.5	4.0Min	0.55
FALGS0708	7.5Max	7.8±0.5	5.0±0.5	4.0Min	0.65

TECHNICAL INFORMATION

Testing: [Equivalent acceptable] Inductance: HP4342A HP4284A
RDC: QuadTech 1880 Milliohmeter
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.