

DIP SHIELDED POWER INDUCTORS

LGS1218B SERIES



FEATURES:

- Excellent solderability and heat resistance
- Magnetically shielded type inductor, possible to decrease reflection noise
- Available for high density mount due to compact size
- Accomplished low total harmonics distortion as compared

APPLICATIONS:

- Suitable as choke for digital amp
- Car audio
- LCD and PDP TV
- 5.1ch Home theater

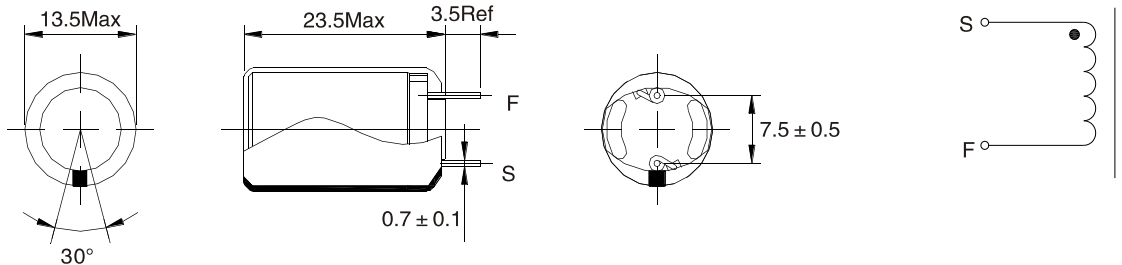
ELECTRICAL CHARACTERISTICS:

Part Number	L uH ± 25%	DCR mΩ Max	Rated current A Max	Allowable current A Max
LGS1218B-100Y	10	30	10.0	10.0
LGS1218B-120Y	12	30	9.5	8.5
LGS1218B-150Y	15	30	8.5	8.0
LGS1218B-220Y	22	50	6.5	7.0
LGS1218B-330Y	33	50	5.0	6.0
LGS1218B-470Y	47	100	4.5	5.0

Note: 1. K= ± 10%, M= ± 20%, N= ± 30%

PHYSICAL CHARACTERISTICS: WINDING:

Dimension: mm



TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable) Inductance: HP4342A, HP4284A
RDC: QuadTech 1880 Milliohmmeter
Q- HP4342A - SRF-HP4191A
 - 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.