

HIGH CURRENT SHIELDED INDUCTOR

ASPI-1367-XXX



13.8 x 12.9 x 6.7mm

FEATURES:

- 100%lead (Pb) free.
- Lowest DCR/uH, in this package size.
- Frequency range up to 5.0MHZ.
- Handles high transient current spikes without saturation
- Ultra low buzz noise, due to composite construction.

APPLICATIONS:

- PDA/Notebook/Desktop/Server applications.
- Low profile, high current power supplies.
- Battery powered devices.
- DC/DC converter for Field Programmable Gate Array(FPGA)

STANDARD SPECIFICATIONS:

Part Number	L (μ H) $\pm 20\%$	DCR (m Ω) Max	HEAT RATING CURRENT DC AMPS TYPICAL	SATURATION CURRENT DC AMPS4 TYPICAL
ASPI-1367- R10	0.10	0.47	60.0	120
ASPI-1367- R15	0.15	0.53	55.0	118
ASPI-1367- R22	0.22	0.63	53.0	112
ASPI-1367- R30	0.30	0.70	48.0	72
ASPI-1367- R33	0.33	0.83	46.0	65
ASPI-1367- R40	0.40	0.90	44.0	64
ASPI-1367- R47	0.47	1.00	41.0	63
ASPI-1367- R56	0.56	1.20	37.0	62
ASPI-1367- R68	0.68	1.40	35.0	60
ASPI-1367- R82	0.82	1.60	33.0	50
ASPI-1367- 1R0	1.0	1.70	32.0	49
ASPI-1367- 1R2	1.2	2.10	30.0	48
ASPI-1367- 1R5	1.5	2.50	27.0	45
ASPI-1367- 1R8	1.8	2.80	24.0	41
ASPI-1367- 2R2	2.2	3.50	22.0	40
ASPI-1367- 3R3	3.3	5.70	18.0	35
ASPI-1367- 4R7	4.7	9.30	13.5	30
ASPI-1367- 5R6	5.6	9.30	13.5	26.5
ASPI-1367- 6R8	6.8	13.10	11.5	16.5
ASPI-1367- 8R2	8.2	14.50	10.5	16
ASPI-1367- 100	10	15.80	10.0	15.5

TECHNICAL INFORMATION:

- Inductance tested at 200KHz, 0.25V_{RMS}
- IDC: L drops 20% typical
- Add M for Inductance Tolerance
- Add -T for tape and reel
- Operating temperature: -55°C to +125°C

Note: All specifications subject to change without notice.

REMARKS:

- Add -Z for Lead Free Option
- All solder and material are lead free
- Label packing box and reel: RoHS Compliance

OUTLINE DRAWING:

