



LOW PROFILE SHIELDED SMD POWER INDUCTORS

ASPI -104S, -105S

STANDARD SPECIFICATIONS

Part Number ²	L ^{1,2} (□H)	DCR □ (MAX)	I _{dc} ⁴ □ (MAX)
ASPI-104S-1R0	1.0	0.006	13.6
ASPI-104S-1R5	1.5	0.008	10.0
ASPI-104S-2R5	2.5	0.010	7.50
ASPI-104S-2R8	2.8	0.011	7.30
ASPI-104S-3R8	3.8	0.013	6.00
ASPI-104S-5R2	5.2	0.022	5.50
ASPI-104S-7R0	7.0	0.027	4.80
ASPI-104S-100	10	0.035	4.40
ASPI-104S-150	15	0.050	3.60
ASPI-104S-220	22	0.073	2.90
ASPI-104S-330	33	0.093	2.30
ASPI-104S-470	47	0.093	2.30
ASPI-104S-680	68	0.213	1.50
ASPI-104S-101	100	0.304	1.35
ASPI-104S-151	150	0.506	1.15
ASPI-104S-221	220	0.756	0.92
ASPI-104S-331	330	1.090	0.70

Part Number ²	L ^{1,2} (□H)	DCR □ (MAX)	I _{dc} ⁴ □ (MAX)
ASPI-105S-100	10	0.050	2.40
ASPI-105S-150	15	0.061	2.00
ASPI-105S-220	22	0.094	1.65
ASPI-105S-330	33	0.15	1.35
ASPI-105S-470	47	0.21	1.10
ASPI-105S-680	68	0.26	0.93
ASPI-105S-101	100	0.41	0.76
ASPI-105S-151	150	0.64	0.63
ASPI-105S-221	220	0.96	0.52
ASPI-105S-331	330	1.37	0.43
ASPI-105S-471	470	1.74	0.36

NOTES:

1. Inductance (L) measured @ 100 KHz, 0.1V_{RMS}
2. Inductance (L) tolerance: J = 5%, K = 10%, M = 20%
3. Operating temperature: -40°C to 85°C
4. Inductance drops by 10%
5. Dimensions: inches / mm; see spec sheet for tolerance limits
6. Specifications subject to change without notice

PHYSICAL CHARACTERISTICS⁵

