

SMD SHIELDED POWER INDUCTORS



ASPI-0428S SERIES

* RoHS COMPLIANT

STANDARD SPECIFICATIONS:

Part Number	L (μH) ±20%	DCR (Ω) Max	I _{DC} (A) Max
ASPI-0428S- 1R2	1.2	0.024	2.56
ASPI-0428S- 1R8	1.8	0.028	2.20
ASPI-0428S- 2R2	2.2	0.031	2.04
ASPI-0428S- 2R7	2.7	0.043	1.60
ASPI-0428S- 3R3	3.3	0.049	1.57
ASPI-0428S- 3R6	3.6	0.053	2.70
ASPI-0428S- 3R9	3.9	0.065	1.44
ASPI-0428S- 4R7	4.7	0.072	1.32
ASPI-0428S- 5R6	5.6	0.101	1.17
ASPI-0428S- 6R8	6.8	0.109	1.12
ASPI-0428S- 8R2	8.2	0.118	1.04
ASPI-0428S- 100	10	0.128	1.00
ASPI-0428S- 120	12	0.132	0.84
ASPI-0428S- 150	15	0.149	0.76
ASPI-0428S- 180	18	0.166	0.72
ASPI-0428S- 220	22	0.235	0.70
ASPI-0428S- 270	27	0.261	0.58
ASPI-0428S- 330	33	0.378	0.56
ASPI-0428S- 390	39	0.384	0.50
ASPI-0428S- 470	47	0.587	0.48
ASPI-0428S- 560	56	0.625	0.41
ASPI-0428S- 680	68	0.699	0.35
ASPI-0428S- 820	82	0.915	0.32
ASPI-0428S- 101	100	1.020	0.29
ASPI-0428S- 121	120	1.270	0.27
ASPI-0428S- 151	150	1.350	0.24
ASPI-0428S- 181	180	1.540	0.22

TECHNICAL INFORMATION:

- Marking: Value in μH
- Add -T for tape and reel (1,500 pcs per reel)
- Add -M for tolerance ±20%
- Inductance measured at 100KHz, 0.1VRMS
- IDC: Inductance decreases to 65% of initial value or DT of coil increased by 40°C Max
- Operating Temperature: -25°C to +85°C

RoHS Compliance, effective 0527, label on reel and box

PHYSICAL CHARACTERISTICS:

