

SHEILDED POWER INDUCTORS

MEC series: SSD127



- Good isolation of leakage flux.
- Lower emissions of magnetic radiation and noise.
- Size: 12.3x12.3x8.0mm.
- Inductance Range: 1.2 – 220uH.
- Current Range: 1.16 – 9.80A.

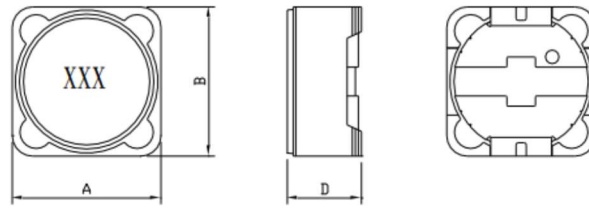
Operating Temperature Range: -40°C to +125°C.

Reel Quantity: 400pcs

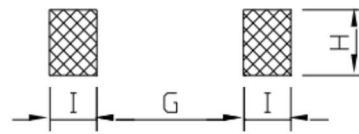
Part Number	Inductance (μH)	DCR (Ω) Max	IDC (A)	Test Frequency
SSD127-1R2N	1.2 ± 30%	0.007	9.80	100KHz
SSD127-2R4N	2.4 ± 30%	0.012	8.00	100KHz
SSD127-3R5N	3.5 ± 30%	0.014	7.50	100KHz
SSD127-4R7N	4.7 ± 30%	0.016	6.80	100KHz
SSD127-6R1N	6.1 ± 30%	0.018	6.60	100KHz
SSD127-7R6N	7.6 ± 30%	0.020	5.90	100KHz
SSD127-100M	10 ± 20%	0.022	5.40	1kHz
SSD127-120M	12 ± 20%	0.024	4.90	1kHz
SSD127-150M	15 ± 20%	0.024	4.50	1kHz
SSD127-180M	18 ± 20%	0.039	3.90	1kHz
SSD127-220M	22 ± 20%	0.043	3.60	1kHz
SSD127-270M	27 ± 20%	0.046	3.40	1kHz
SSD127-330M	33 ± 20%	0.065	3.00	1kHz
SSD127-390M	39 ± 20%	0.073	2.75	1kHz
SSD127-470M	47 ± 20%	0.100	2.50	1kHz
SSD127-560M	56 ± 20%	0.110	2.35	1kHz
SSD127-680M	68 ± 20%	0.140	2.10	1kHz
SSD127-820M	82 ± 20%	0.160	1.95	1kHz
SSD127-101M	100 ± 20%	0.220	1.70	1kHz
SSD127-121M	120 ± 20%	0.250	1.60	1kHz
SDS127-151M	150 ± 20%	0.280	1.42	1kHz
SDS127-181M	180 ± 20%	0.350	1.30	1kHz
SDS127-221M	220 ± 20%	0.390	1.16	1kHz

SHAPES AND DIMENSIONS

UNIT : mm


A=12.3 Max. B=12.3 Max. D=8.0 Max.
RECOMMENDED PATTERNS

UNIT : mm


G=7.0 H=5.4 I=2.9