

## SHEILDED POWER INDUCTORS

**MEC series: SS6025**



- Low DC Resistance.
- Size: 6.2x6.2x2.7mm.
- Inductance Range: 4.7 – 100uh.
- Current Range: 0.33 – 1.5A.

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

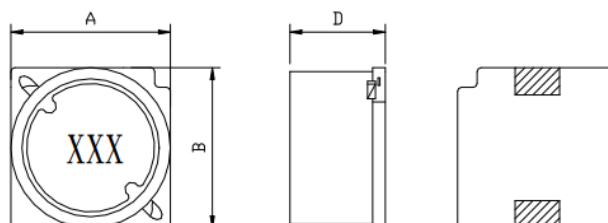
**Reel Quantity:** 1000pcs

Application Examples    SS6028 Series

| Part Number | Inductance (μH) | DCR (Ω) Max | Isat (A) (Max) | Irms (A) (Max) | Test Frequency |
|-------------|-----------------|-------------|----------------|----------------|----------------|
| SS6025-4R7M | 4.7 ± 20%       | 0.0367      | 1.5            | 1.5            | 100KHz         |
| SS6025-6R8M | 6.8 ± 20%       | 0.0531      | 1.3            | 1.5            | 100KHz         |
| SS6025-100M | 10 ± 20%        | 0.0688      | 1.0            | 1.3            | 100KHz         |
| SS6025-150M | 15 ± 20%        | 0.102       | 0.88           | 1.1            | 100KHz         |
| SS6025-220M | 22 ± 20%        | 0.146       | 0.73           | 0.94           | 100KHz         |
| SS6025-330M | 33 ± 20%        | 0.216       | 0.59           | 0.79           | 100KHz         |
| SS6025-470M | 47 ± 20%        | 0.288       | 0.48           | 0.67           | 100KHz         |
| SS6025-680M | 68 ± 20%        | 0.444       | 0.42           | 0.54           | 100KHz         |
| SS6025-101M | 100 ± 20%       | 0.600       | 0.33           | 0.47           | 100KHz         |

### SHAPES AND DIMENSIONS

UNIT : mm



A=6.2 Max. B=6.2 Max. D=2.7 Max.

### RECOMMENDED PATTERNS

UNIT : mm



G=4.0 H=2.2 I=1.5