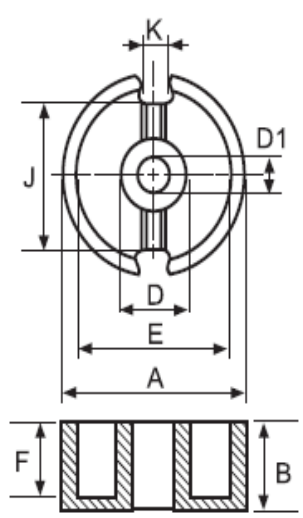


Technical Data Sheet RoHS Compliant Product

POT14*8, No Gap Core, MnZn

Product Specifications:

| Parameter | | Symbol | Unit | Value | Geometry Drawing Reference |
|--------------------------|------------------|--------|-----------------|--------------|--|
| Magnetic Characteristics | Effective Length | I_e | mm | 21.0 |  |
| | Effective Area | A_e | mm ² | 29.9 | |
| | Effective Volume | V_e | mm ³ | 628.0 | |
| Dimensions | A | - | mm | 14.00 ± 0.25 | |
| | B | - | mm | 4.20 ± 0.10 | |
| | D | - | mm | 5.99max | |
| | E | - | mm | 11.60min | |
| | F | - | mm | 2.79min | |
| | J | - | mm | 9.50 ± 0.60 | |
| | K | - | mm | 3.30 ± 0.60 | |
| | D1 | - | mm | - | |
| A - A' | - | mm | ≤ 0.10 | | |
| Appx. Weight/Set | Weight | W | gm | 3.2 | |

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc. as per IEC 63093 - 8

Inspection Criteria: IEC 60424, Guide on the limits of Surface Irregularities

Mechanical Strength: IEC 61631 Compliant

Compliant: RoHS & REACH

Test Conditions: 1 kHz/300 mV, Coil - N=100 Turns, 25°C

Power Loss Conditions: 100 kHz, 200 mT, 100°C

| Material Grade | Initial Permeability (μ_i) | AL Value (nH/Set) | PV (W/Set) |
|----------------|----------------------------------|-------------------|------------|
| SFP4 | 2300 ±25% | 2500 ±25% | ≤ 0.26 |
| SFP95 | 3300 ±25% | | |
| SFA05 | 5000 ±25% | | |
| SFA07 | 7000 ±25% | | |
| SFA10 | 10000 ±30% | | |
| SFA12 | 12000 ±30% | | |

Other AL values/air gaps and materials available on request