

FEATURES/APPLICATIONS

- Carrier tape packing use for SMT.
- Small Footprint
- Magnetically shielded construction.
- Suitable for reflow SMT Craft soldering.
- Lead free products, RoHS compliant.
- Widely use in Digital products & Scanner/DC-DC converter/Power supply for VTP/LCD monitor / portable terminal equipment/Telecommunications / Notebook and PC Peripheral equipments etc.

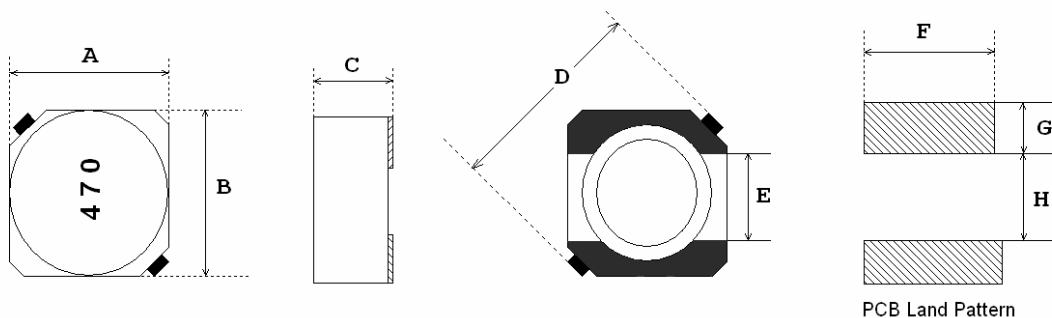
Electrical Characteristics

Part Number	Test Condition	Inductance (uH)	Tolerance	DCR(mΩ) (max)	Rated Current (A) (max)
WSPD4D16-1R0M	100Khz/0.1V	1.0	+/- 10%	24	1.05
WSPD4D16-2R2M	100Khz/0.1V	2.2	+/- 10%	31	0.97
WSPD4D16-3R3M	100Khz/0.1V	3.3	+/- 10%	35	0.86
WSPD4D16-5R0M	100Khz/0.1V	5.0	+/- 10%	40	0.60
WSPD4D16-6R2M	100Khz/0.1V	6.2	+/- 10%	54	0.55
WSPD4D16-6R8M	100Khz/0.1V	6.8	+/- 10%	58	0.55
WSPD4D16-100M	100Khz/0.1V	10	+/- 10%	84	0.40
WSPD4D16-150M	100Khz/0.1V	15	+/- 10%	128	0.38
WSPD4D16-220M	100Khz/0.1V	22	+/- 10%	165	0.15
WSPD4D16-270M	100Khz/0.1V	27	+/- 10%	210	0.12
WSPD4D16-330M	100Khz/0.1V	33	+/- 10%	238	0.10

Note:

1. Inductance Measurement: HP4280A/CH1062A or LCR equivalent meter.
2. Resistance Measurement: TH2512B or DCR test equipment equivalent.
3. Rated Current Test Condition: Inductance drop by 25% or temperature rise by 40 °C, whichever reaches first.
4. Operating temperature: -40 °C - +125°C
5. Storage temperature: -40 °C - +125°C
6. Humidity: RH65% - 85%

SHAPE and DIMENSIONS (Unit: mm)



A	B	C	D	E	F	G	H
4.5 ± 0.3	4.5 ± 0.3	1.8 (max)	6.9(max)	1.5	5.3	1.9	1.5