

SMD COUPLED INDUCTOR

JSPRH71-M:N

FEATURES/APPLICATIONS

- Magnetically shielded construction.
- Suitable for reflow SMT Craft soldering.
- Lead free products, RoHS compliant.

ELECTRICAL CHARACTERISTICS (Turn Ratio N1:N2 = 1: 1)

Part Number	Test Condition	Inductance (uH)	Tolerance	DCR (mΩ) (max)	L1 Rated Current (A) (max) (1)	L2 Rated Current (A) (max) (1)
JSPRH71-10:10uH	100Khz/0.1V	10	+/- 10%	65	1.84	1.84
JSPRH71-27:27uH	100Khz/0.1V	27	+/- 10%	95	1.25	1.25
JSPRH71-47:47uH	100Khz/0.1V	47	+/- 10%	123	0.98	0.98
JSPRH71-68:68uH	100Khz/0.1V	68	+/- 10%	155	0.89	0.89
JSPRH71-100:100uH	100Khz/0.1V	100	+/- 10%	250	0.60	0.60

Product can be built at customer request with inductance range of 2uH – 470uH

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, with L2/L1 open circuit.
4. Operating temperature: -40 °C - +125°C
5. Storage temperature: -40 °C - +125°C

SHAPE and DIMENSIONS (Unit: mm)

