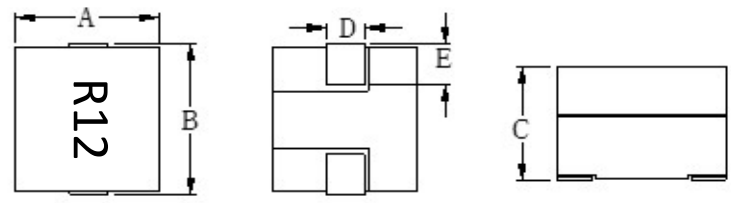


SPECIFICATION FOR APPROVAL

COMMODITY	SMD Power Coils	SPEC NO.	SP-0231020014
ITEM	JLPI 100705ST-R12K-R3975 Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	7.00	Max.
	B	10.40	Max.
	C	4.95	Max.
	D	2.50	±0.30
	E	1.52	±0.30

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	0.12 ± 10%	μH	☒ AGILENT 4294A Precision Impedance Analyzer ☐ Agilent 4287A RF LCR Meter ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter. ☒ CHROMA 3302 Automatic Components Analyzer. ☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter ☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter ☐ WAYNE KERR HI-POT TESTER 7600
TEST FREQUENCY	100	KHz	
TEST VOLT	0.1	V	
RDC	0.39 ± 7.5%	mΩ	
Isat @25°C	60 (typ.)	A	
Isat @125°C	48 (typ.)	A	
Irms	53 (max.)	A	

REMARK :

- Saturation Current (Isat) will cause L0 to drop approximately 30%.
- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C.

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			