

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-060724120
ITEM	JPRD 0603-101M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)			DIM.	TOL.
Technical drawing of SMD Power Coil 101. The drawing includes a top view, a side view, a cross-section view, and a marking view. The top view shows a square component with a circular center and a square hole. Dimensions A and B are indicated. The side view shows the profile of the component with dimension C. The cross-section view shows the internal structure with dimension D. The marking view shows the number 101. Below the top view, the land pattern dimensions are given: 7.3mm width, 2.65mm height, and 2.0mm spacing.	A	6.7	±0.3	
	B	6.7	±0.3	
	C	3.0	Max.	
	D	9.6	Max.	

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	100 ± 20%	μ H	☒ AGILENT 4294A Precision Impedance Analyzer ☐ Agilent 4287A RF LCR Meter ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	10	KHz	☒ CHROMA 3302 Automatic Components Analyzer. ☐ WAYNE KERR 6420 Precision Impedance Analyzer.
TEST VOLT	0.25	V	☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter
RDC	0.535 (max)	Ω	☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter
IDC	0.54 (max)	A	☐ WAYNE KERR HI-POT TESTER 7600

REMARK :

- Inductance drop = 35% typ at IDC
- ΔT = 40°C rise typ at IDC

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN