

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-060724076
ITEM	JPRD 0503-120M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)			DIM.	TOL.
Technical drawing of an SMD power coil. The drawing includes a top view, a side view, a cross-section view, and a detail view of the land patterns. Top View: Shows a circular component with a square footprint. The width is labeled A and the height is labeled B. The value 120 is printed in the center. A dimension line labeled D indicates the diameter of the circular component. A dimension line labeled 2.0 indicates the width of the land patterns. A dimension line labeled 2.15 indicates the height of the land patterns. A dimension line labeled 6.3 indicates the width of the land patterns. A dimension line labeled 2.0 indicates the width of the land patterns. A dimension line labeled 2.15 indicates the height of the land patterns. A dimension line labeled 6.3 indicates the width of the land patterns. A dimension line labeled 2.0 indicates the width of the land patterns. A dimension line labeled 2.15 indicates the height of the land patterns. 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(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	$12 \pm 20\%$	μH	☒ 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	0.076 (max)	Ω	☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter
IDC	1.20 (max)	A	☐ WAYNE KERR HI-POT TESTER 7600

REMARK :

- Inductance drop = 35% typ at IDC
- $\Delta T = 40^\circ C$ rise typ at IDC

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN