

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SCHMID-M
ITEM	STP 0504-2R2M-4R8-A Green	


(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
<p style="text-align: center;">Marking</p> <p style="text-align: center;">LAND PATTERNS (mm)</p>	A	5.8	±0.3
	B	5.2	±0.3
	C	4.5	±0.35
	D	5.8	±0.3
	E	1.8	REF.
	F	1.9	REF.
	G	5.0	REF.
	H		
	I		

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	2.2 ± 20%	μH	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer. <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	10	KHz	<input type="checkbox"/> ZENITECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENITECH 101 L.C.R. Meter.
TEST VOLT	0.1	V	<input checked="" type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENITECH 1320 BIAS CURRENT.
RDC	26.0 (max)	mΩ	<input checked="" type="checkbox"/> ZENITECH 502AC Resistance Merter. <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.
Isat	4.0 (max)	A	
Irms	4.8 (max)	A	

REMARK :

1. Inductance drop = 10% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

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(3) Material List

NO	ITEM	MATERIAL	NOTE
1	CORE	DR 5.8*4.5 Or other's equivalent	
2	WIRE	SFBW Or other's equivalent	155°C CLASS
3	SOLDER	100H Or other's equivalent	Silver
4	INK	SMD-48C Or other's equivalent	Black

REMARK :