

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	<b>SCHMID-M</b>
ITEM	STP 0504-4R7M-3R5-E <span style="border: 1px solid black; padding: 2px;">Green</span>	

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
<p style="text-align: center;">Marking</p> <p style="text-align: center;">LAND PATTERN(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		
	J		

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	4.7 ± 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	7.96	MHz	<input type="checkbox"/> ZENITECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENITECH 101 L.C.R. Meter.
TEST VOLT	1	V	<input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENITECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> ZENITECH 502AC Resistance Meter.
RDC	60 (max)	mΩ	<input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.
Isat *1	3.5 (max)	A	
Irms *2	3.5 (max)	A	

**REMARK :**

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

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

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**(3) Material List**

NO	ITEM	MATERIAL	SUPPLIER OF THE MATERIAL
1	Core	K22 DRM 5.8*4.5RB T0.45(B2.4 F2.5)	HORNG YIH ELECTRONICS CO.,LTD
2	Wire	2SFBW 155°C CLASS 0.35/13Ts	JUNG SHING WIRE CO.,LTD
3	Solder	Sn 99.2%- Ag 0.3% - Cu 0.5%	THOUSAND ISLAND METAL FOIL CO.,LTD
4	INK	SMD-48A (Black)	BOR HORNG INK CO., LTD.
5	FLUX	MARCO 630LF	MARCO APPLIED MATERIAL CORP

REMARK :

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN