

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SCHMID-M
ITEM	STP 0705-3R3M-4R0-A Green	

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
<p style="text-align: center;">Marking</p> <p style="text-align: center;">LAND PATTERN (mm)</p>	A	7.8	±0.3
	B	7.0	±0.3
	C	5.0	±0.5
	D	7.8	±0.3
	E	3.0	REF.
	F	2.0	REF.
	G	7.5	REF.
	H		
	I		
	J		

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	3.3 ± 20%	μH	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.
TEST FREQUENCY	5	MHz	<input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter.
TEST VOLT	0.25	V	<input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.
RDC	23 (max)	mΩ	<input type="checkbox"/> ZENTECH 101 L.C.R. Meter. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.
Isat	4 (max)	A	<input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.
Irms	4 (max)	A	<input checked="" type="checkbox"/> ZENTECH 502AC Resistance Meter. <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.

REMARK :

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

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

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(3) Material List					
NO	ITEM	MATERIAL	SUPPLIER OF THE MATERIAL		
1	Core	M6D DR 7.8*5.0 DIM C3.0 F2.6 ; Or other's equivalent	TECSTAR TECHNOLOGY CO.,LTD		
2	Wire	P180 180°C CLASS 0.45/9Ts	ELEKTRISOLA (MALAYSIA) SDN. BHD.		
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		
REMARK :					
PURCHASER CONFIRMED :			APPROVED	CHECKED	DRAWN