

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SCHMID-M
ITEM	STP 0705-470K-1R2-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	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	$47 \pm 10\%$ μ H
TEST FREQUENCY	10 KHz
TEST VOLT	0.1 V
RDC	180 (max) m Ω
Isat *1	1.17 (max) A
Irms *2	1.24 (max) A

AGILENT 4294A Precision Impedance Analyzer.
 AGILENT 4285A Precision L.C.R. Meter.
 HP-4286A RF L.C.R. Meter.
 ZENTECH 3302 Automatic Components Analyzer.
 ZENTECH 101 L.C.R. Meter.
 WAYNE KERR 6420 Precision Impedance Analyzer.
 ZENTECH 1320 BIAS CURRENT.
 ZENTECH 502AC Resistance Merter.
 ADEX AX-1155B DC Low Ohm Meter.

REMARK :

1. Inductance drop = 10% typ at Isat.
2. $\Delta T = 40^{\circ}\text{C}$ rise typ at Irms.

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

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(3) Material List

NO	ITEM	MATERIAL	SUPPLIER OF THE MATERIAL
1	Core	JC40B DR 7.8*5 B3.0 F2.6	DONG GUAN JUN CHANG LNDUSTRIAL CO.,LTD
2	Wire	2SFBW 155°C CLASS 0.3/36Ts	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