

Heyuan Micrometals Co., Ltd. Certificate of Conformance

23-Jun-25		Optilloy-CL		OC-050125-2H057-MY105P5				
				rameter	Measured Value		Limit	
Part Number		H057		Apparent Density		n ³	>2.0 g/cm³ Reference Only	
0.500 it	1		WOIST	111				
0.300 ir	1							
0.225 in	1							to the same of
		10.2						
				Line .				
	-11/4000							
70.0 F	nH/1000			1011				
Para Maria di La			Core Te	est Data				8
				Akine in		Limite		
				100				
			(82)				±8%	
	-4.90 %		-4.32 %	6	-5.40 %		10	76
				100				
		% L	L (µH)	765	L (µH)			
		100.00	167.44	100.00	165.56	100.00	<u> </u>	%L Minimu
		94.5	157.13	93.8	157.18	94.9		
	123.23	74.0	123.11	73.5	122.87	74.2	2 67	.2 %
		53.6	88.97	53.1	88.68			
			- int	(8)7/-				
	47.20	28.4	47.01	28.1	46.75	28.	2	
	0.100 V	,	0.007.1	Α/	0.005.144			aximum s Doneitr
				30000000		3	Loss Density	
							- 2	249 mW/cm ³
				Libraria in the Control of the Contr		*	5	
-								*
1		rms			15.43 V rms			
7 7 1 <u>2</u> 2 2 2		-0.0 may 500 1 100		3		Spec	Minimum	
oating Adhesion ASTM Level		g	0 kg		0 kg		17	kg
Some and	1-2-1			-014			4B	If applicable
Hi-Pot		Pass meets all pertinent specifications in		Pass				
	0.500 it 0.300 it 0.225 it 0.031 it 0.139 c 3.124 c 0.435 c	OC-050125-2H057 0.500 in 0.300 in 0.225 in 0.031 in 0.139 cm² 3.124 cm 0.435 cm³ 125 70.0 mH/1000 Test Winding 22 Al Test Sample 1 Height A _L Grade (%) -4.90 % 0 1 (A dc) L (μH) 0.0 166.43 1.0 157.22 2.0 123.23 3.0 89.17 4.0 64.71 5.0 47.20 60 Power Loss 0.100 W Loss Density 230 m Frequency 50 k Flux Density 1000 C Voltage 15.43 \ Sample No. 1	OC-050125-2H057 0.500 in 0.300 in 0.225 in 0.031 in 0.139 cm² 3.124 cm 0.435 cm³ 125 70.0 mH/1000 Test Winding 22 AWG Test Sample 1 Height in A_ Grade (%) -4.90 % 0 I (A dc) L (µH) % L 0.0 166.43 100.00 1.0 157.22 94.5 2.0 123.23 74.0 3.0 89.17 53.6 4.0 64.71 38.9 5.0 47.20 28.4 60 Power Loss 0.100 W Loss Density 230 mW/cm³ Frequency 50 kHz Flux Density 1000 G Voltage 15.43 V rms Sample No. 1	Powder Pa Apparent 0.500 in Moisture 0.300 in 0.225 in 0.031 in 0.139 cm² 3.124 cm 0.435 cm³ 125 70.0 mH/1000 Core Te Test Winding 22 AWG Test Sample 1 4. Grade (%) -4.90 % -4.32 % 0 1(A dc) L (μH) % L L (μH) 0.0 166.43 100.00 167.44 1.0 157.22 94.5 157.13 2.0 123.23 74.0 123.11 3.0 89.17 53.6 88.97 4.0 64.71 38.9 64.48 5.0 47.20 28.4 47.01 30 Power Loss 0.100 W 0.097 W Loss Density 230 mW/cm³ 223 m Frequency 50 kHz 50 kHz Flux Density 1000 G 1000 G Voltage 15.43 V rms	OC-050125-2H057 Powder Parameter Apparent Density 0.500 in 0.500 in Moisture Content 0.300 in 0.225 in 0.031 in 0.139 cm² 3.124 cm 0.435 cm³ 125 70.0 mH/1000 Core Test Data Test Winding 22 AWG Test Sample 1 2 Height In in A, Grade (%) -4.90 % -4.32 % 0 1 (A) Height In in A, A 1 (A) Height Molecular (M) Legal (M) Legal (M) A, A 1 (A) Height Molecular (M) A, A 1 (A) Height Molecular (M) A, A 1 (A) Height Molecular (M) Molecular (M) A A, A 1 (A) Height Molecular (M) A, A 1 (A) Heig	Powder Parameter Measu Apparent Density g/cm Moisture Content %	Powder Parameter Measured Value G/cm ³ G/cm ³	Powder Paremeter Measured Value Limit