

Dongguan City Xinwang Coil Technology Co., Ltd

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SPECIFICATION APPROVAL

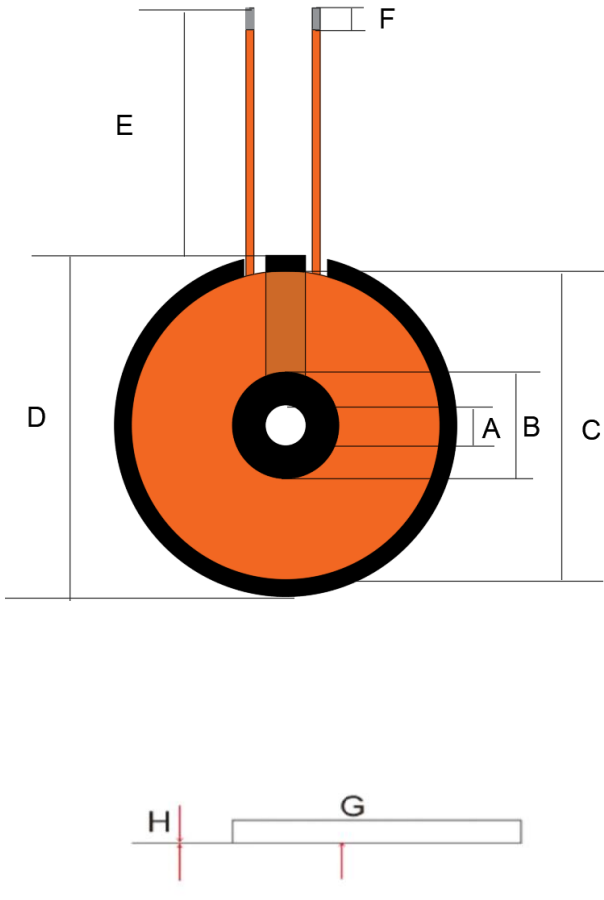
CUSTOMER: _____ Shenzhen Hancaiwei Electronics Co.,Ltd

Product Name of Customer: _____ Coil Module

Product Name of Ours(Material): _____ Coil Module

APPROVED: _____

APPROVED: _____ **DRAWN:** Wang Xingwang **DATE:** 2025-7-2

Specification		CUSTOM P/N:	Coil Module				
		PART NUMBER:					
1.DIMENSIONS: mm 			A	5.3±0.5			
			B	13.4±0.5			
			C	39±1			
			D	43.5±0.5			
			E	39±1			
			F	2-5			
			G	Total Thickness 1.5MAX			
			H	Disk Thickness 0.6±0.1			
			I				
			J				
			k				
			L				
			M				
			N				
			O				
			R				
			Q				
			P				
						Note:Attach genuine 3M 9448 adhesive to the coil surface	
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Specification					CUSTOM P/N:	Coil Module	
					PART NUMBER:		
5.WINDING DETAILS:							
Wdg.NO.	Start	Finish	Turns	Wire Dia	Wdg.Type:Spread/Loose	Wdg.Direct ion	Layer/Turns per layer
	S	F	13TS	0.08*24*2P	Loose	Counte r clock wise	1 Layer / 13 TS
6.ELECTRICAL CHARACTERISTICS:							
PARAMETERS					UNIT	LIMIT	
Inductance $I_s@100\text{KHz}/1\text{v}$					UH	$8.0\text{UH} \pm 10\%$	
Q @100KHz/1v						30MIN	
DCR @100KHz/1v					Ω	0.2MAX	
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MATERIAL LIST			CUSTOM P/N:	Coil Module	
			PART NUMBER:		
NO.	Material name	Description	Manufacturer	Material	
1	Hot Air Twisted Wire	0.08*24*2P		99.95% Pure Copper	
2	Lead-Free Solder Bar	High Temperature			
3	High-Temperature Adhesive Tape	Gold Finger 6mm			
4	Adhesive	Resin Adhesive			
5	Magnetic Sheet	43.5*5.3*0.6MM		Ferrite, Mn-Zn PC40	
6	3M Double-Sided Adhesive Tape	42*9*0.15 Tearable Backing			
7	EPE Foam	270*380*55			
8	Carton Box	280*390*190			
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