

15W mobile phone charging coil product specification							
brand	DONGGUAN KIMCHEN INDUSTRY INTL. LIMITED	Coil type	A11	Material type	MPP	versions	01
◆ 、outline drawing						(unit: mm)	
						A	20±0.5
						B	20.5±0.5
						C	40±1
						D	43+0/-1
						E	3±1
						F	5±1
						G	0.8±0.05
						H	2.2MAX
						I	5±2
						remark	
						(1)Wire Dia: 0.08*80P Stranded wire	
						(2)Turns:10Ts	
						(3)Wdg. TypeSpred/Close: (Close)	
						(4)IntersectYes/Not:Yes	
						(5)Coil Positive/Anti Paste:Anti/-Paste	
						(6)Wdg.Direction: Anticlockwise	
◆ 、electrical specification:							
parameter	Spec		TEST FREQUENCY		TEST EQUIPMENTS		
L(W1)	8uH± 10%	μ H	100KHz/1V		■TH2816B ■CH-502BC ■TH1816B		
DCR(W1)	<200	mΩ	@ 25℃				
Q	>20	min	100KHz/1V				
◆ 、temperature grade:							
operating temperature	-40℃~ 125℃						
bill of materials							
NO	Material name	Material Code	Vendor code	Description			
1	wire rod	JX-2U-F-0025	ZY	0.08*80P Stranded wire			
2	ferrite	GCP-T-00189	KL	G43 (+0-1) *5.3*0.8±0.1H (with hole, with double slot L slot)			
3	3M double-sided tape	SMJ-T-0064	WY	40*0.08H (no hole, top right slotted with hand tear)			
4	insulating tape	High-temperature adhesive paper 5MM	JRM	5mm			
5	Glue	E7202W	HZY	JS-E7202(thickened) white glue			
6	tin bar	Lead-free high temperature tin strip	XC	Environmentally friendly lead-free solder bar			
7	minicycle	GCP-T-0080	HBC	round20*0.8H			
8	Small double-sided tape	SMJ-T-0056	WY	15*0.08H (with hand tear)			

DONGGUAN KIMCHEN INDUSTRY INTL LIMITED
Room 102, No. 2, Xisha Road, Shijia Town, Dongguan City, Guangdong Province