

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)				

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