

5W mobile phone charging coil product specification							
brand	DONGGUAN	Coil type	A11	Material type	Qi1.3.3	versions	01
◆ 、outline drawing					(unit: mm)		
					A	20±0.5	
					B	20.5±0.5	
					C	40±1	
					D	40+0/-1	
					E	3±1	
					F	25±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)	6.5± 10%	μ H	100KHz/1V		■TH2816B		
DCR(W1)	<200	mΩ	@ 25℃		■CH-502BC		
Q	>20	min	100KHz/1V		■TH1816B		
◆ 、temperature grade:							
operating	-40℃~ 125℃						
bill of materials							
	Material	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			
3	3M double-	SMJ-T-0064	WY	40*0.08H (no hole, top right slotted with hand tear)			
4	insulating	High-temperature	JRM	5mm			
5	Glue	E7202W	HZY	JS-E7202(thickened) white glue			
6	tin bar	Lead-free high	XC	Environmentally friendly lead-free solder bar			
7	minicycle	GCP-T-0080	HBC	round20*0.8H			
8	Small double-	SMJ-T-0056	WY	15*0.08H (with hand tear)			