

# Wireless Charging Nano Crystalline Sheet – MQN Series

Operating Temp. : -40°C~+85°C

Customized



## FEATURES

- High permeability
- Low magnetic Loss
- High Saturation magnetic flux density
- Ultra low profile

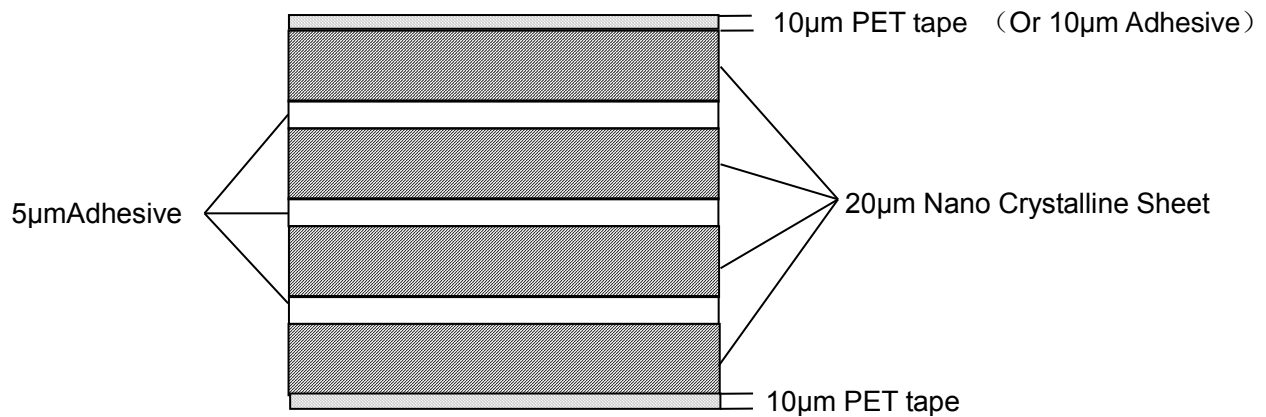
## APPLICATIONS

- Using for receiver module of electronics device such as mobile phones, tablet PC and wearable smart devices.
- EMC magnetic material

## PRODUCT IDENTIFICATION

<u>MQN</u> ①	<u>6060</u> ②	<u>T12</u> ③	<u>P650</u> ④	<u>C01</u> ⑤	<u>B</u> ⑥	<u>F</u> ⑦
①	②	③	④	⑤	⑥	⑦
①		②		③		
Product Type		External Dimensions (L×W) (mm)		Total Thickness		
MQN	Nano Crystalline Sheet	6060	60×60	Example	Nominal Value	Layer
				T10	95um	3
				T12	115um	4
				T14	140um	5
④		⑤		⑥		
Relative Real Permeability		Feature Code		Packing		
P500	500±10%	C01, C02,V01, etc.		B	Box	
P650	650±10%			R	Roll	
P800	800±15%	⑦				
P1000	1000±20%	Hazardous Substance Free Products				
		F				

## SHAPE AND DIMENSIONS



Sheet Size (L\*W): Customized, 125×65(mm) Max. Thickness: 0.06~0.18mm

## SPECIFICATION

Part Number	Permeability			Saturation magnetic flux density	Thickness		
	Real	Imaginary	Frequency		Total Thickness	Nano Crystalline Layer	Nano Crystalline typ.
Symbol	$\mu'$	$\mu''$	f	Bm	T	N	T1
Units	/	/	Hz	T	mm	/	mm
MQN6060T12P500C01BF	500±10%	40 Max.	100~200K	≥1.1	0.115±0.010	4	0.020
MQN6060T12P650C01BF	650±10%	50 Max.	100~200K	≥1.1	0.115±0.010	4	0.020
MQN6060T12P800C01BF	800±15%	70 Max.	100~200K.	≥1.1	0.115±0.010	4	0.020
MQN6060T12P1000C01BF	1000±20%	100 Max.	100~200K	≥1.1	0.115±0.010	4	0.020
MQN6060T10P650C01BF	650±10%	50 Max.	100~200K	≥1.1	0.095±0.010	3	0.020
MQN6060T14P650C01BF	650±10%	50 Max.	100~200K.	≥1.1	0.140±0.010	5	0.020

## CUSTOMIZED PRODUCT PRESENTATION

We can customize magnetic sheet according to your requirements. Please refer to the following feature ranges:

Magnetic Permeability	
Relative Real Permeability	Customized, 1500 Max. @ 100~200KHz
Shape And Dimensions	Customized, Die-cutting