( )

Hongxin New Energy Technology (Yunnan) Co., LTD

DEPARTME
TNAME

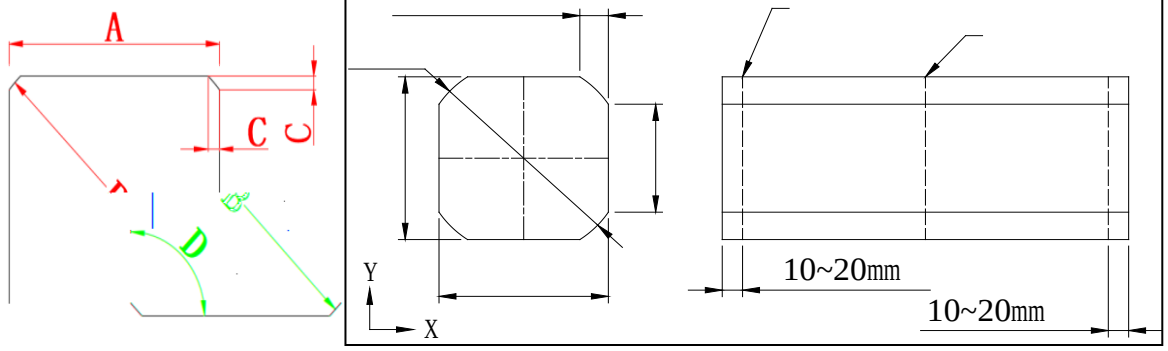
COUNTER
SIGNER

4.1

4.2

4.3

5.1 mm



	M6	M10	M10+	G12	G12+
mm	166 ± 0.25	182 ± 0.25	A:182.1 ± 0.15 B:185 ± 0.15	210 ± 0.25	A:210.1 ± 0.15 B:211.6 ± 0.15
B mm	223 ± 0.25	247 ± 0.25	258.17 ± 0.15	295 ± 0.25	296.19 ± 0.15
C mm	8.55 ± 0.5	7.51 ± 0.5	1 ± 0.45	1.41 ± 0.45	1.41 ± 0.45
D	90 ° ± 0.2 °				
	≤ 0.5mm				
(mm)	*820mm~840mm* 60% 160 840mm 300mm ¼ ; ≤ 0.5mm				

1 -

2 -

5.2

S H

5.3

	P	P B	N	N B
	CZ	CZ	CZ	CZ
	P	P	N	N
	P /	P /	N /	N /
	0.4-1.1Ω.cm	0.2-0.4Ω.cm 1.1-1.5Ω.cm	0.3-2.1Ω.cm	0.3-2.1Ω.cm
	≥100us	≥20us	≥800us	≥500us
LT/Res	-	-	≥2000	≥1000
	$\leq 0.5\times10^{17}$atoms/cm^3	$\leq 2.5\times10^{17}$atoms/cm^3	$\leq 0.5\times10^{17}$atoms/cm^3	-
	$\leq 7.5\times10^{17}$atoms/cm^3	$\leq 9.0\times10^{17}$atoms/cm^3	$\leq 6.5\times10^{17}$atoms/cm^3	$\leq 9.0\times10^{17}$atoms/cm^3
/cm²	≤500	≤500	≤500	≤500
	100 ±3°	100 ±3°	100 ±3°	100 ±3°
	010 001 ±3°	010 001 ±3°	010 001 ±3°	010 001 ±3°

5.4

1		
2		

5.5

5.5.1 , ,

5.5.2

5.5.3

5.5.4

5.5.5

5.6

“ ”

5.7

5.7.1 10 30 ≤ 60%

5.7.2

6

1	Pb		0.1% 1000ppm	
2	Hg		0.1% 1000ppm	
3	Cd		0.01% 100ppm	
4	Cr( )		0.1% 1000ppm	

√ ” “ × ”

												/mm		/mm		/mm									
												max	min	max	min	max	min								