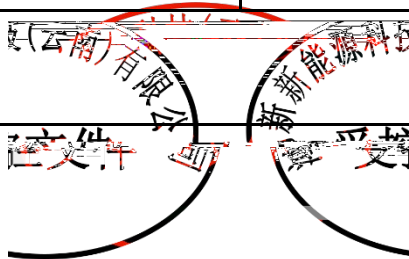


( )

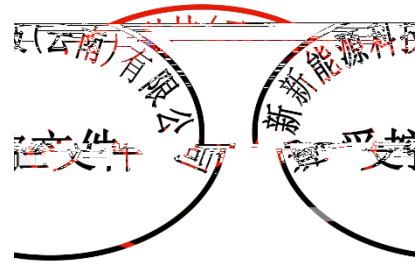
			

DOCUMENT HAS A TOTAL OF \* \* PAGES INCLUDING THE FRONT COVER

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IMPLEMENTATION DATE 2023.3.16

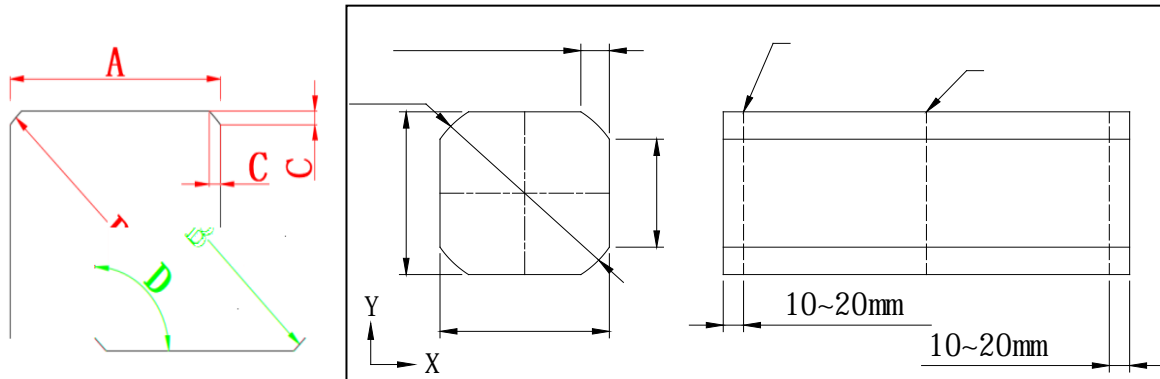




4.1  
4.2  
4.3

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				

		4 7

1 -  
2 -  
5.2

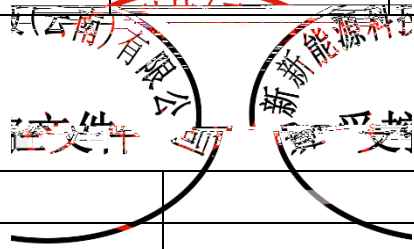
S

H

		5 7

5.3

	P	P B	N	N B
	CZ	CZ	CZ	CZ
	P	P	N	N
	P /	P /	N /	N /
	0.4-1.1 .cm	0.2-0.4 .cm 1.1-1.5 .cm	0.3-2.1 .cm	0.3-2.1 .cm
	100us	20us	800us	500us
LT/Res	-	-	2000	1000
	$0.5 \times 10^{17}$ atoms/cm <sup>3</sup>	$2.5 \times 10^{17}$ atoms/cm <sup>3</sup>	$0.5 \times 10^{17}$ atoms/cm <sup>3</sup>	-
	$7.5 \times 10^{17}$ atoms/cm <sup>3</sup>	$9.0 \times 10^{17}$ atoms/cm <sup>3</sup>	$6.5 \times 10^{17}$ atoms/cm <sup>3</sup>	$9.0 \times 10^{17}$ atoms/cm <sup>3</sup>
/cm <sup>2</sup>	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

		6 7

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	

