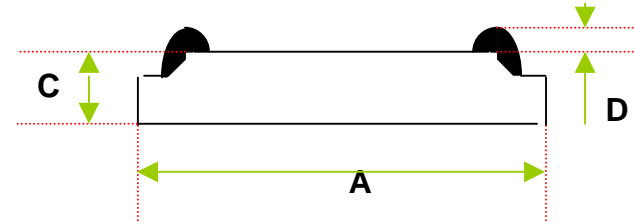
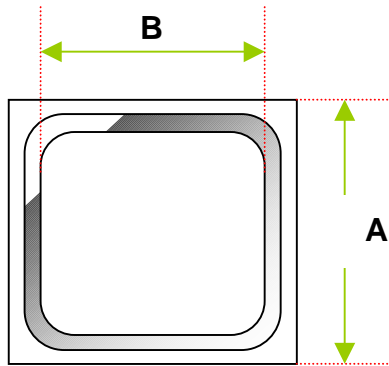


DICE SPEC.

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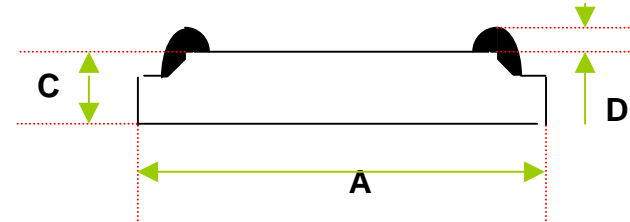
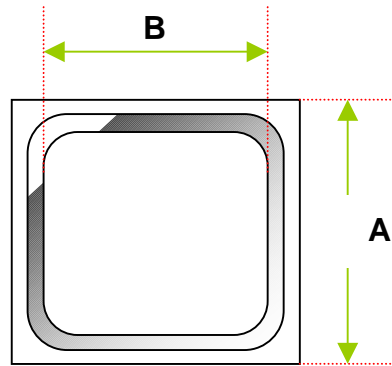
IF	A	1	1	2	2	3	4	4	6	6	7.5	7.5	12.5	15	17.5	20	30	
Dice size	mil	46	50	58	62	71	84	87	95	98	110	115	130	140	160	165	180	
	(mm)	(1.18)	(1.26)	(1.48)	(1.56)	(1.8)	(2.1)	(2.21)	(2.41)	(2.5)	(2.76)	(2.92)	(3.26)	(3.54)	(4.1)	(4.2)	(4.57)	
Dice dimension (mil)	A	46±2	50±2	58±2	62±2	71±2	82±2	87±2	93±2	98±2	108±2	115±2	130±2	139±2	160±2	165±2	180±2	
	B (min.)	26	26.5	36	38	46	60	64	68	73	85	93	108	112	136	139	154	
	C	10±1																
	D (max)	2																
Metallization		Ni/Ni/Au (Back & Front Side)																
V _F @ I _F (max.)	V	1.02	0.98	1.02	0.98	1.02	1.02	0.98	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.05	1.05	
V _R @ I _R (min.)	1000V	1100V																
	800V	900V																
	600V	720V																
I _R	uA	2											5					
I _{FSM} (min.)	A	30	35	50	60	100	125	125	150	150	200	250	300	350	400	400	450	
Sharp % (5uA)		92																
Dice total yield %		98																

DICE SPEC.

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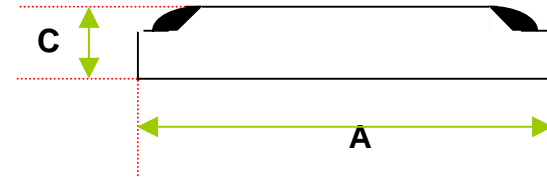
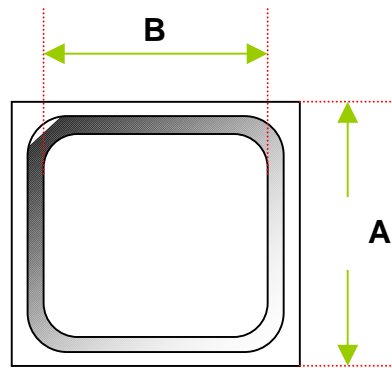
IF	A	1	2	4	7.5	25	25	30	40	50	70	85	90	100	150	300	
Products	mil (mm)	50 (1.26)	58 (1.48)	84 (2.1)	115 (2.92)	160 (4.1)	165 (4.2)	180 (4.57)	195 (4.96)	215 (5.46)	298 (7.56)	354 (9.0)	395 (10.0)	484 (12.3)	520 (13.2)	700 (17.8)	
Dice dimension (mil)	A	50±2	58±2	82±2	115±2	160±2	165±2	180±2	195±2	215±2	298±2	354±2	395±2	139±2	520±2	700±2	
	B (min.)	26.5	36	58	93	136	139	150	160	180	260	315	355	445	480	660	
	C	12±1															
	D (max)	2															
Metallization		Ni/Ni/Au (Back & Front Side)															
V _F @ I _F (max.)	V	1.1															
V _R @ I _R (min.)	1600V	1700V															
	1400V	1500V															
	1200V	1300V															
I _R	uA	2				5					10						
I _{FSM} (min.)	A	30	40	100	200	300	300	350	400	500	700	900	1000	1250	1500	3000	
Sharp % (5uA)		90															
Dice total yield %		95															

DICE SPEC.

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IF	A	0.2	0.5	0.5	0.8	1	1	2	12.5	20						
Products	mil (mm)	25 (0.62)	31 (0.8)	35 (0.9)	41 (1.04)	46 (1.18)	50 (1.26)	58 (1.48)	132 (3.36)	165 (4.2)						
Dice dimension (mil)	A	25±2	32±2	35±2	41±2	46±2	50±2	58±2	132±2	165±2						
	B (min.)	13.5	19.5	22	27.5	30	32	40	114	148						
	C	9±1			10±1											
Metallization		Ni/Ni/Au (Back & Front Side)														
V _F @ I _F (max.)	V	1.02	1.02	0.98	0.98	1.02	0.98	1.02	1.02	1.02						
V _R @ I _R (min.)	1000V					1100V										
	800V				900V	900V										
	600V		660V			720V										
	400V	480V														
I _R	uA	2							5							
I _{FSM} (min.)	A	10	15	15	25	35	45	60	300	400						
Sharp % (5uA)		92														
Dice total yield %		95														