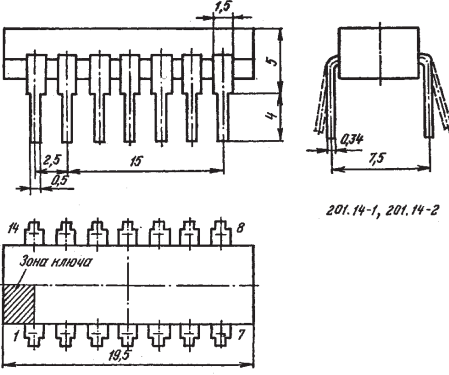
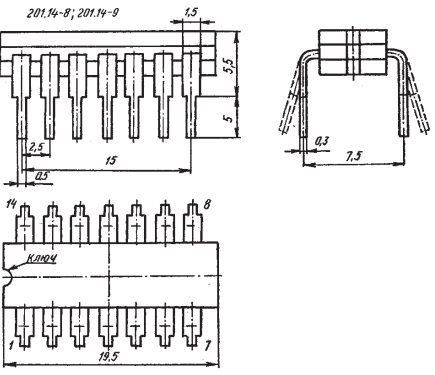
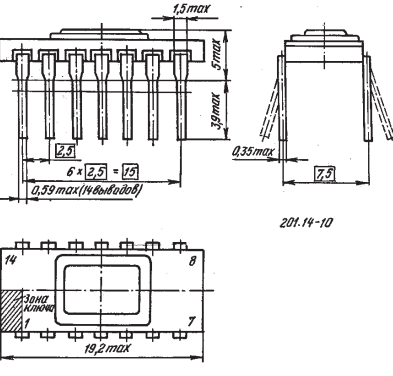
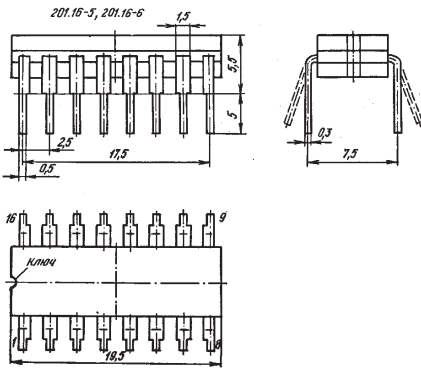
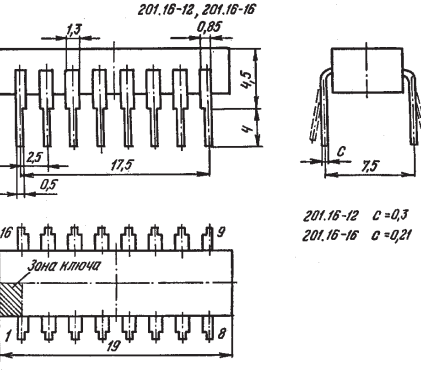
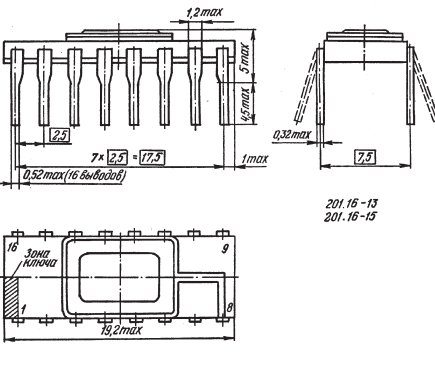


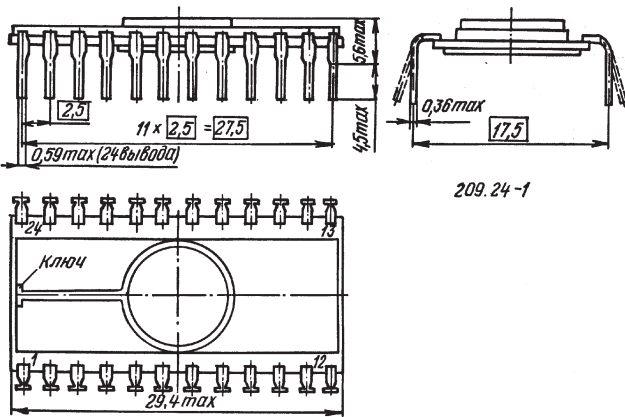
КОДОВОЕ ОБОЗНАЧЕНИЕ ГОДА ВЫПУСКА ИЗДЕЛИЙ

1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
R	S	T	U	V	W	X	A	B	C	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V	W	X

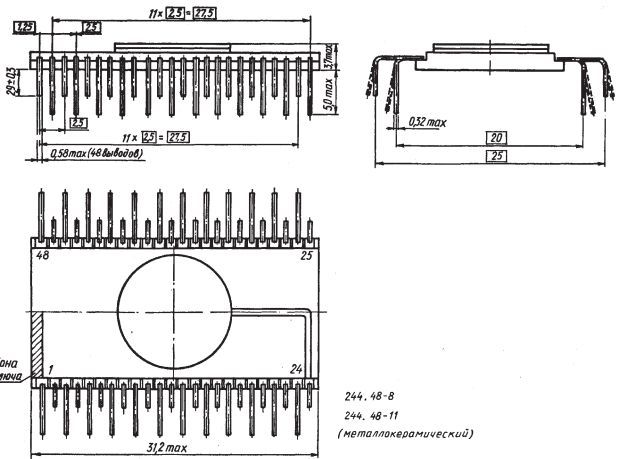
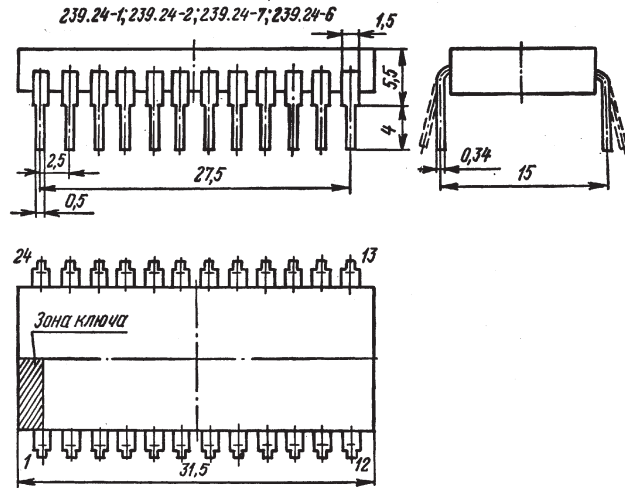
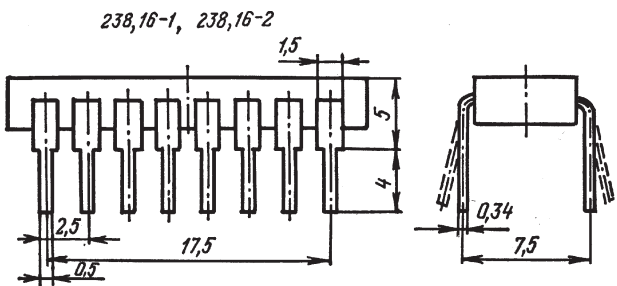
код	месяц изготовления
1	январь
2	февраль
3	март
4	апрель
5	май
6	июнь
7	июль
8	август
9	сентябрь
0	октябрь
N	ноябрь
D	декабрь

ГАБАРИТНЫЕ ЧЕРТЕЖИ КОРПУСОВ МИКРОСХЕМ

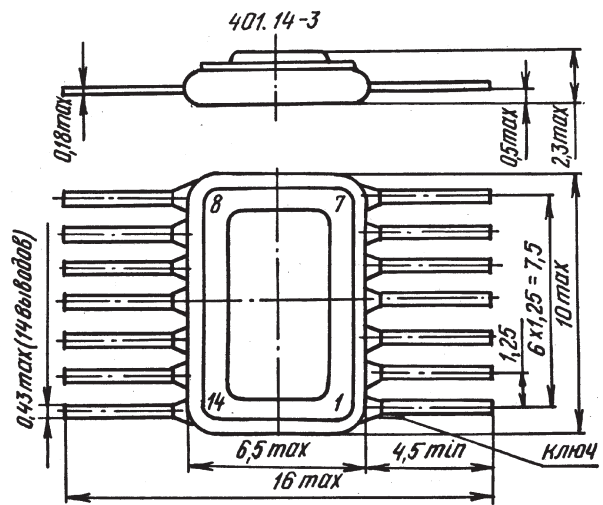
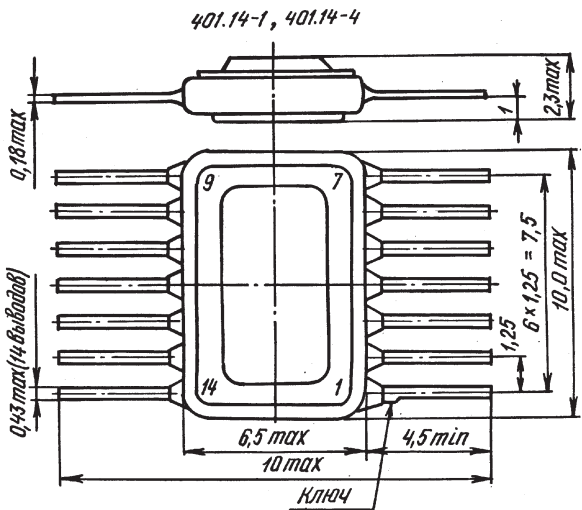
Корпус 201.14-1, 201.14-2  201.14-1, 201.14-2	Корпус 201.14-8, 201.14-9 
Корпус 201.14-10  201.14-10	Корпус 201.16-5, 201.16-6 
Корпус 201.16-12, 201.16-16  201.16-12 $c=0,3$ 201.16-16 $c=0,21$	Корпус 201.16-13, 201.16-15  201.16-13 201.16-15

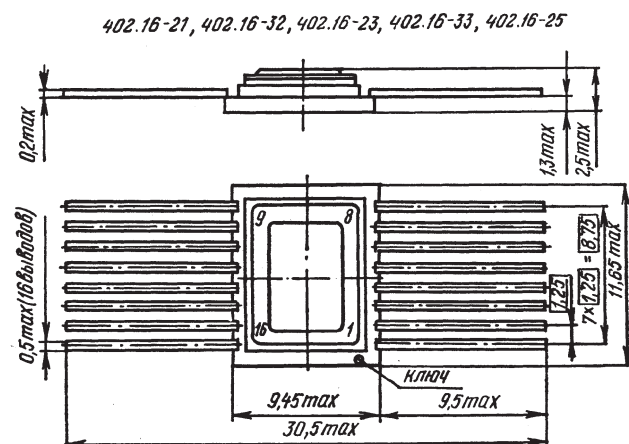
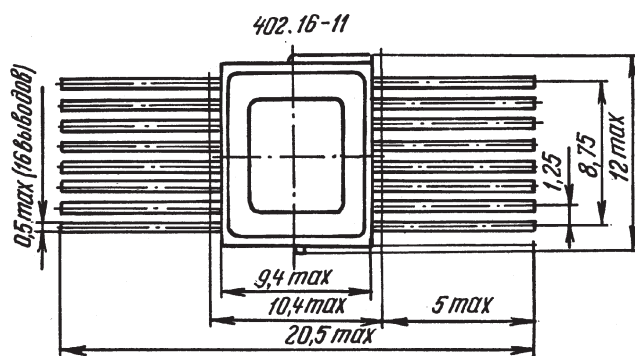
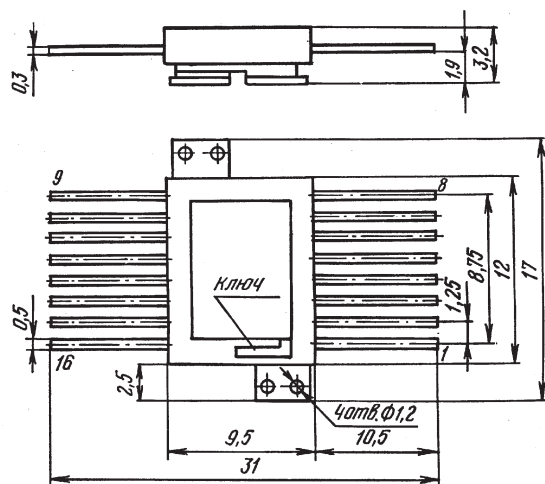


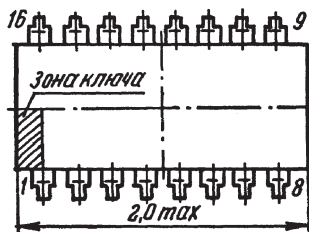
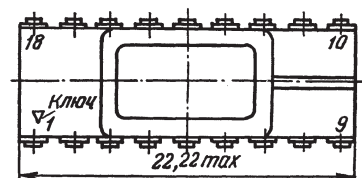
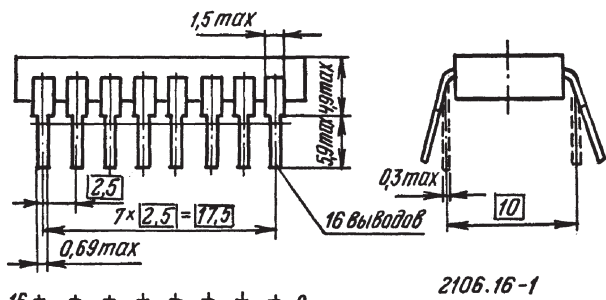
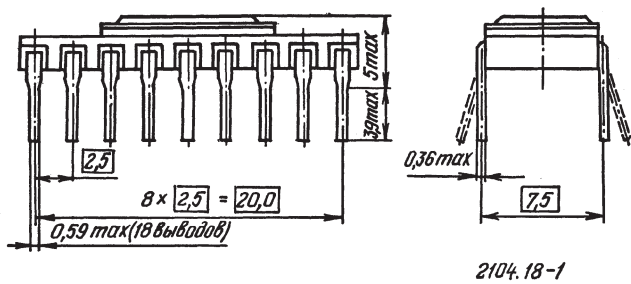
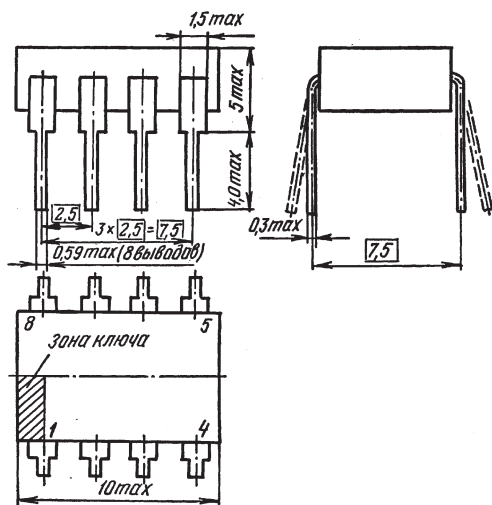
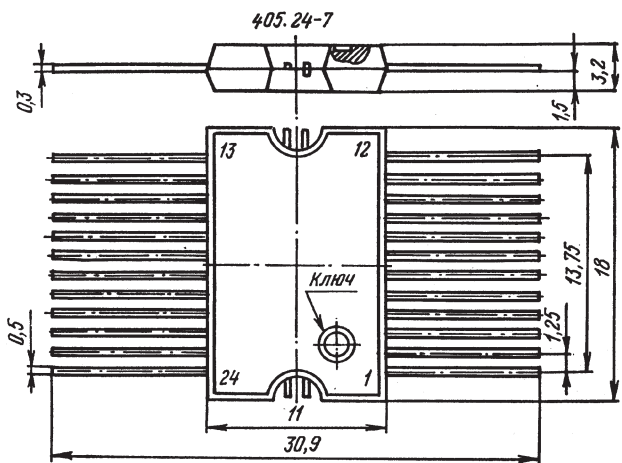
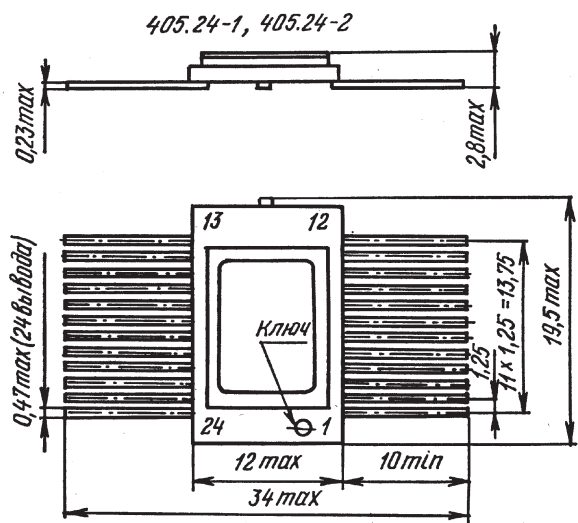
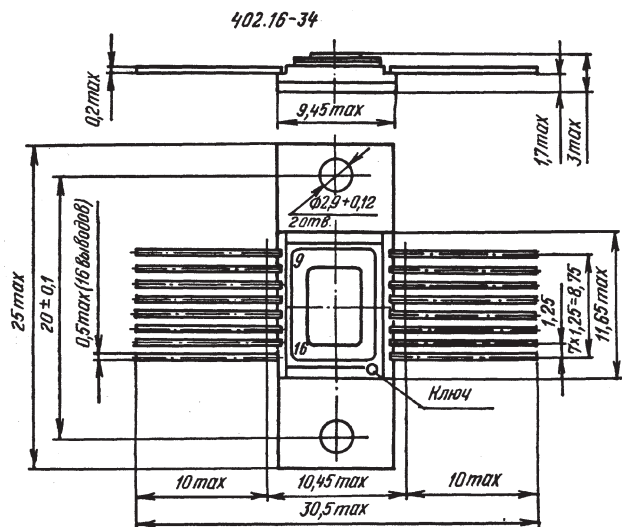
209.24-1

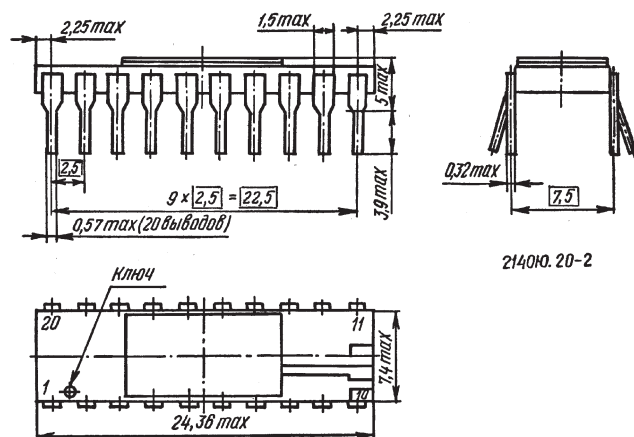
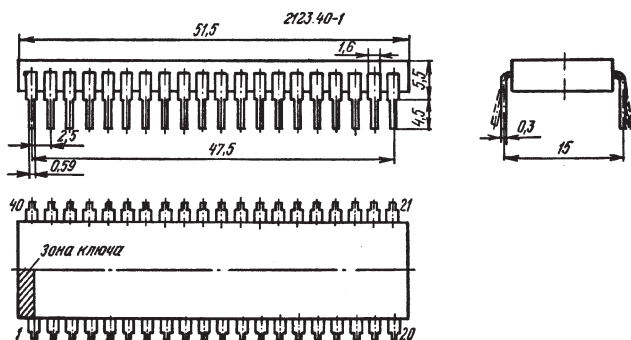
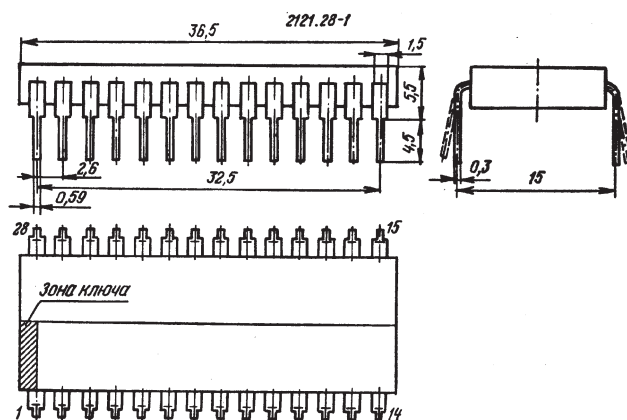
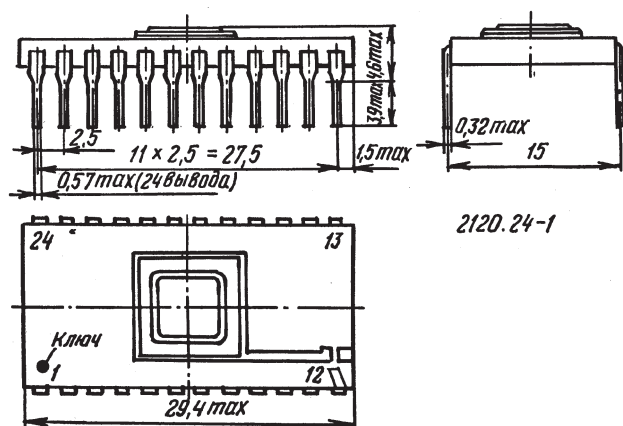
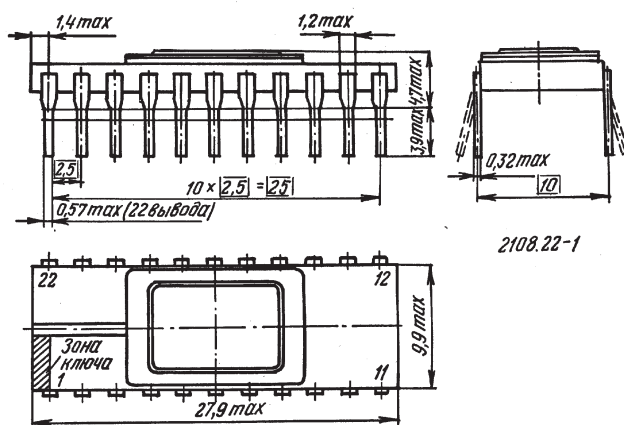
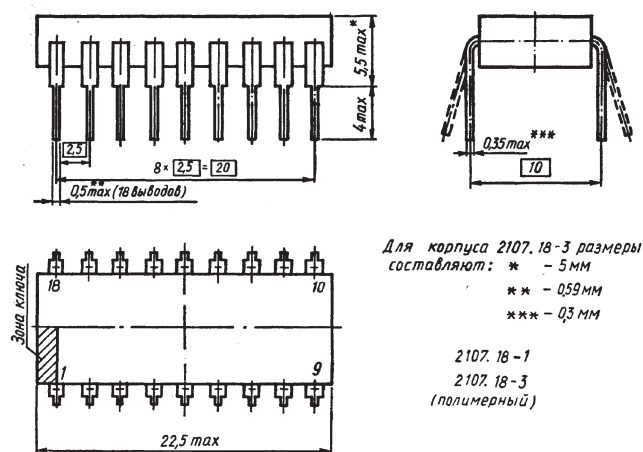


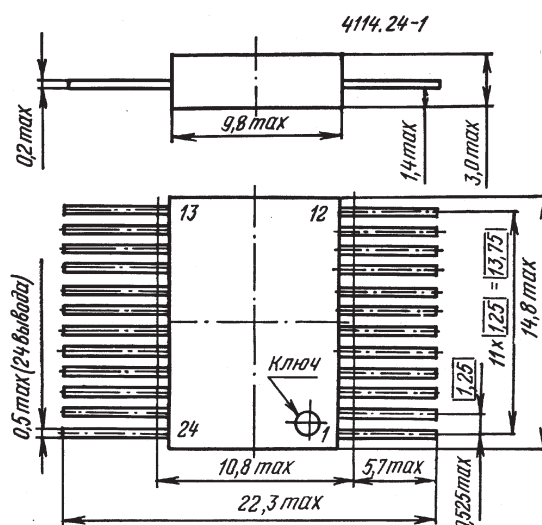
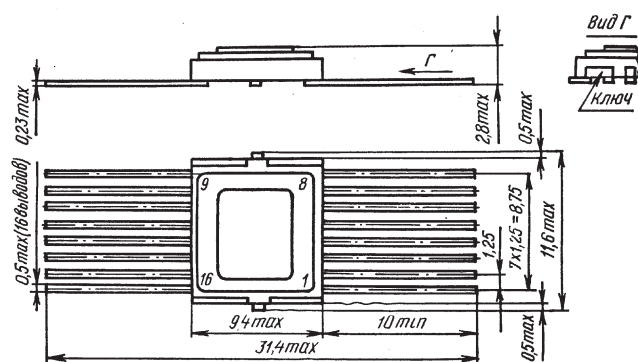
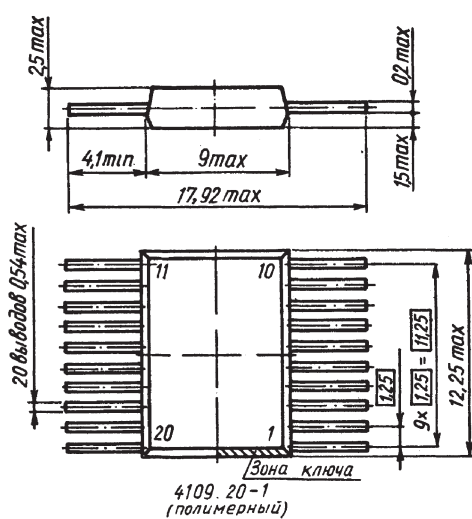
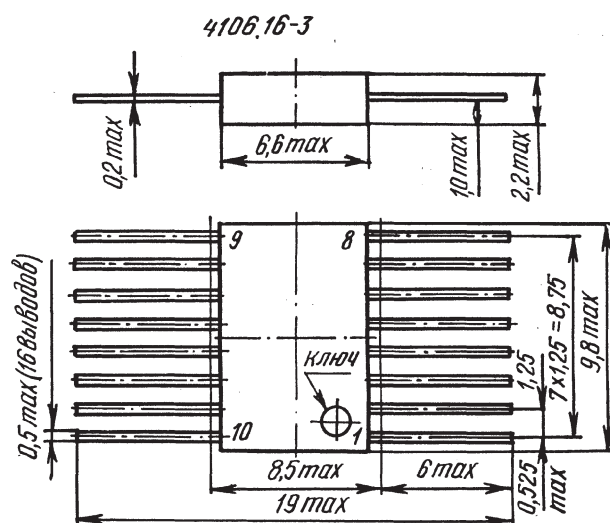
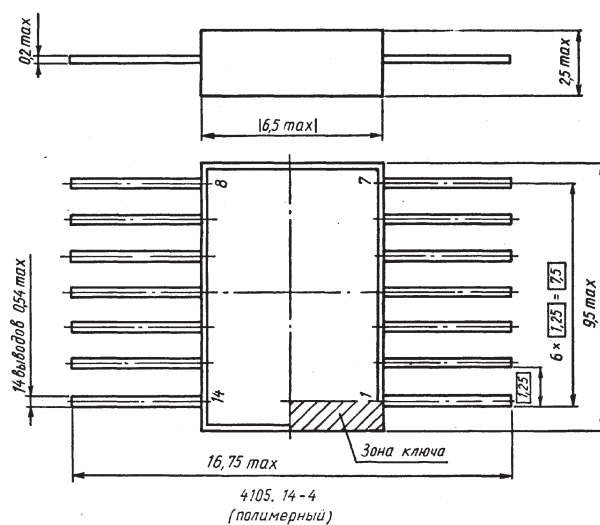
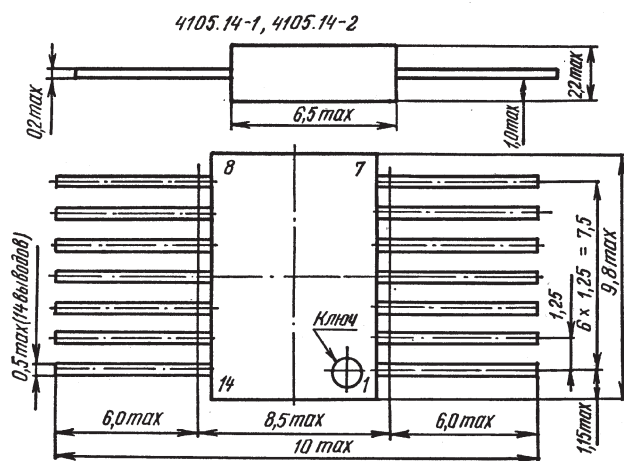
244.48-8
244.48-11
(металлокерамический)

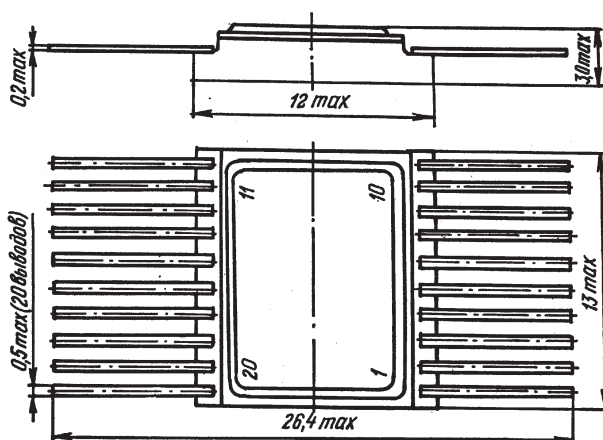
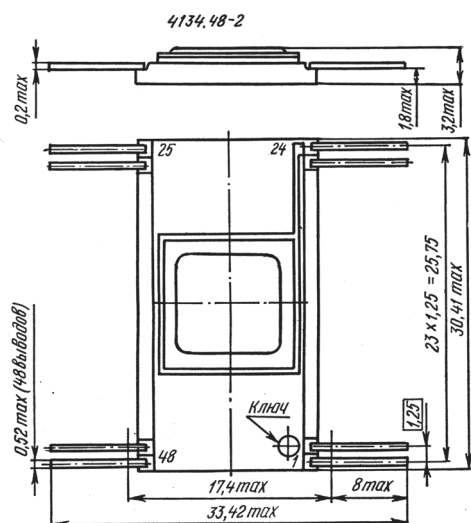
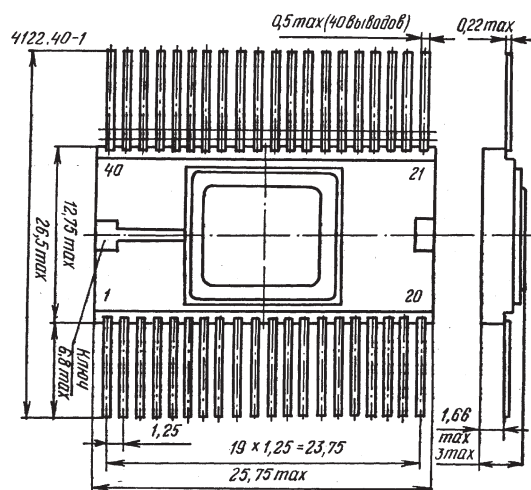
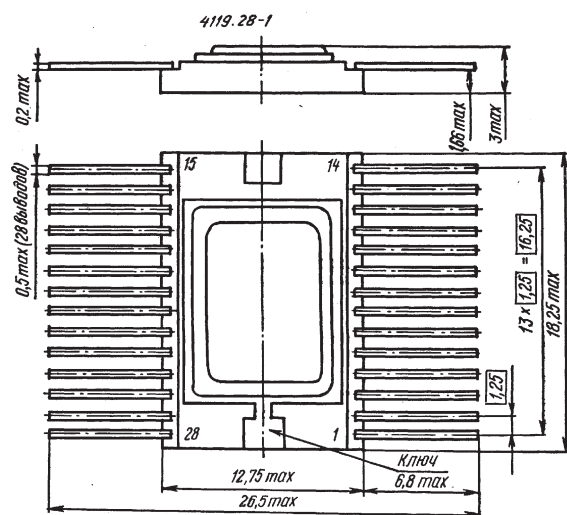
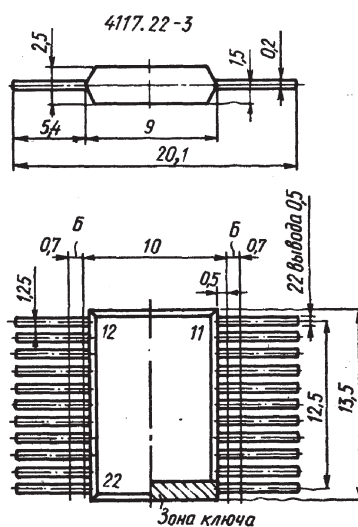
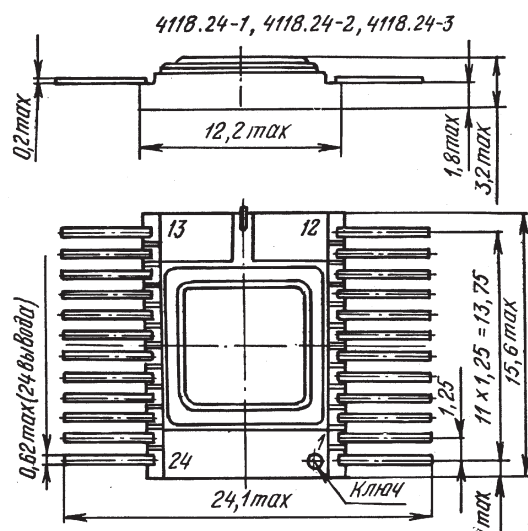


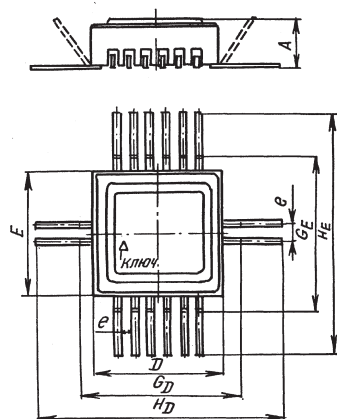












Корпус	мм			
	D max	E max	H max	H max
НО2.14-18	6,8	6,8	15,20	15,20
НО2.14-28	6,78	6,78	14,58	14,58
НО4.16-18	8,2	7,8	16,60	15,58
НО4.16-28	8,08	7,63	15,58	15,58
НО6.24-18	9,48	7,88	17,38	15,8
НО9.18-18	9,68	9,68	17,58	17,58
НО9.28-18	9,66	9,68	17,68	17,68
НО9.28-28	9,66	9,68	17,68	17,68
Н14.42-18	12,315	12,315	20,215	20,215
Н16.48-18	14,50	14,50	22,7	22,7
Н16.48-28				

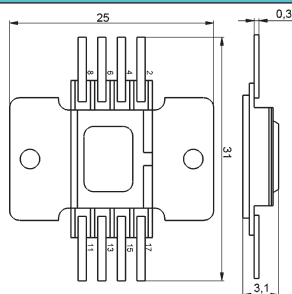
A— 3,0 мм

e— 1,0 мм

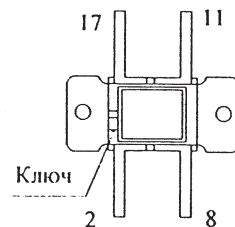
G_E—E max + 1,0 мм

G_D—D max + 1,0 мм

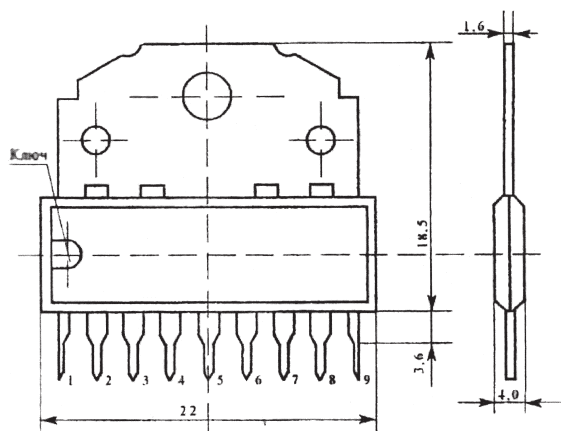
Корпус 4116.8-3



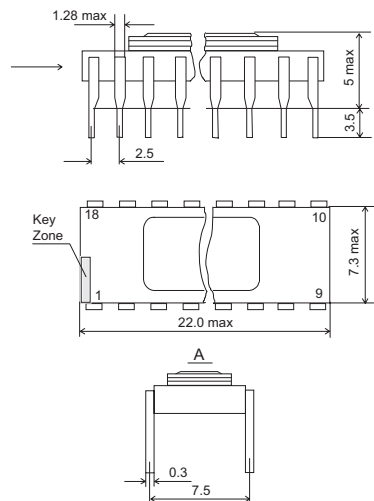
Корпус 4116.4-2



Корпус 1102.9-5

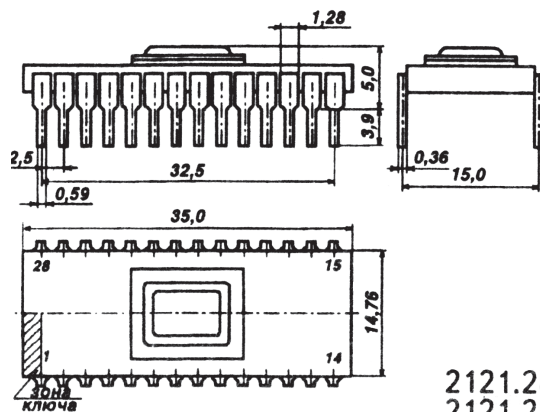
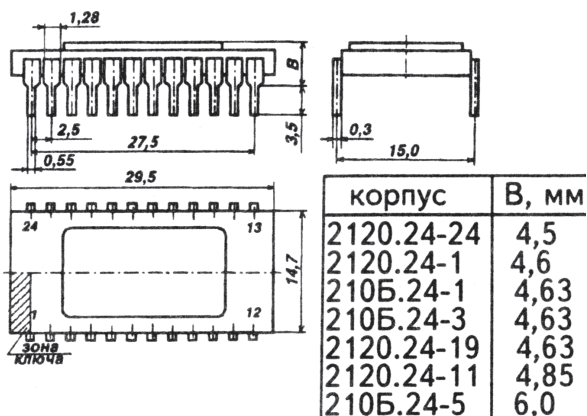


Корпус 238.18-1

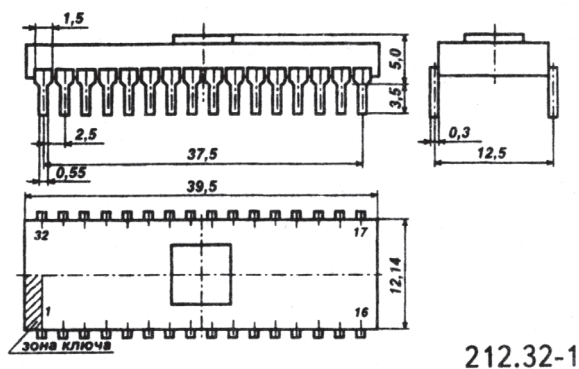


Корпус 2120.24-24, 2120.24-1, 210.Б.24-1, 210.Б.24-3, 2120.24-19, 2120.24-11, 210.Б.24-5

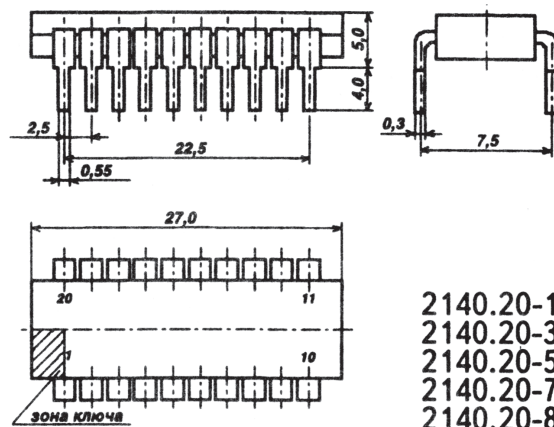
Корпус 2121.28-2, 2121.28-3



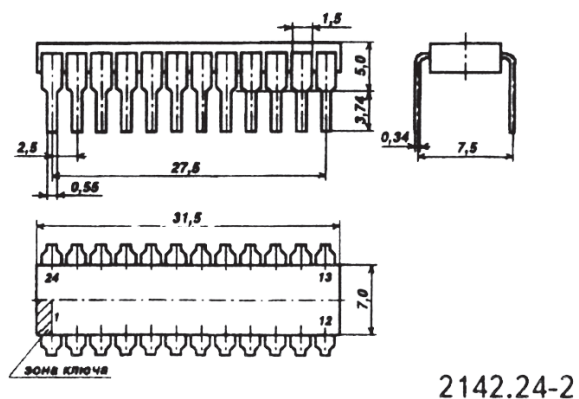
2121.28-2
2121.28-3



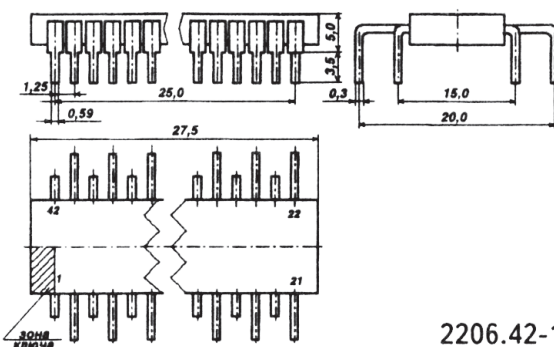
212.32-1



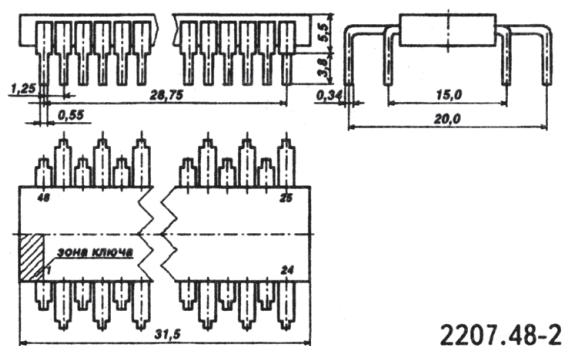
2140.20-1
2140.20-3
2140.20-5
2140.20-7
2140.20-8



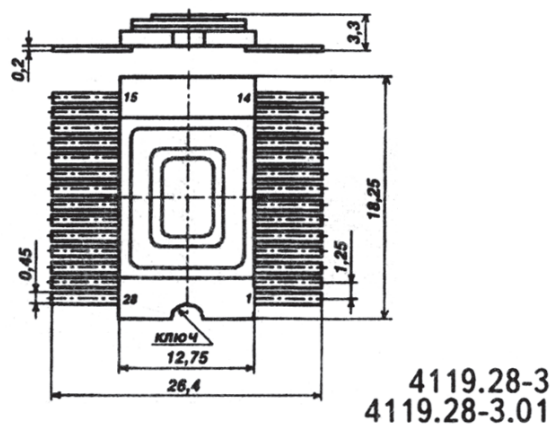
2142.24-2



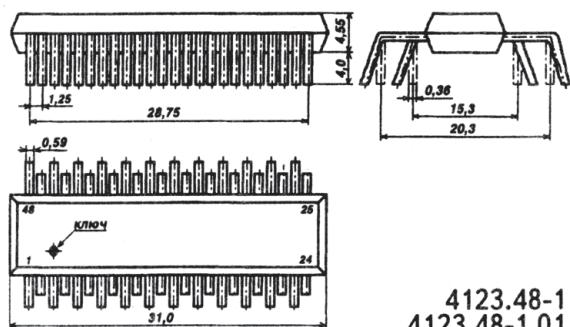
2206.42-1



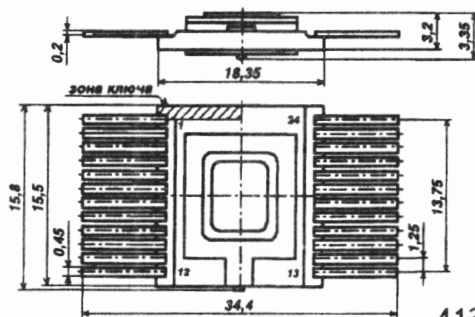
2207.48-2



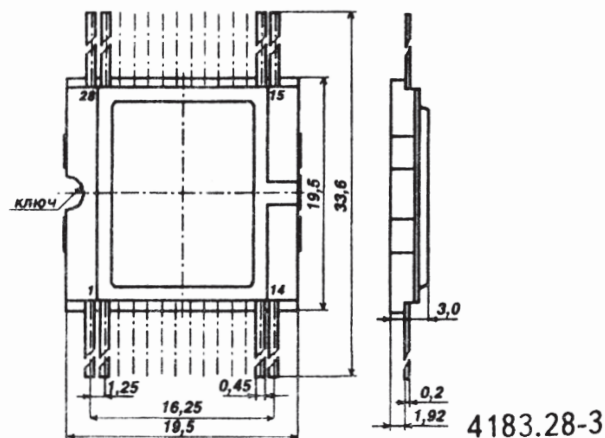
4119.28-3
4119.28-3.01



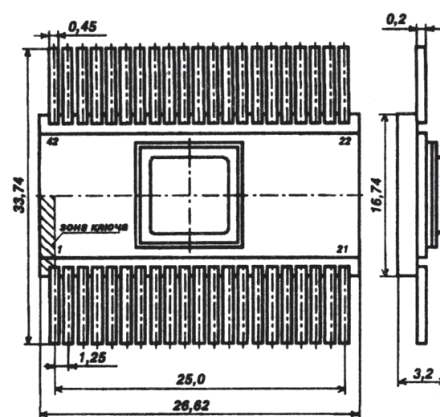
4123.48-1
4123.48-1.01



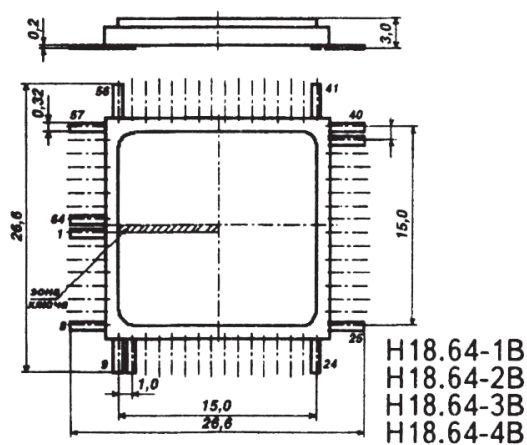
4131.24-3
4131.24-3.01
4131.24-3.03



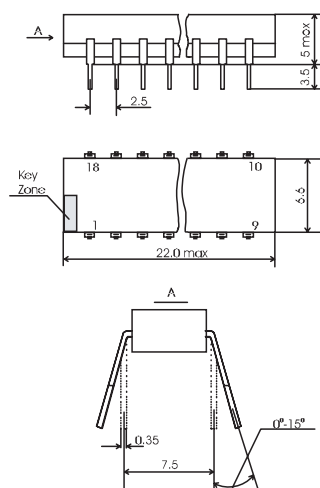
4183.28-3

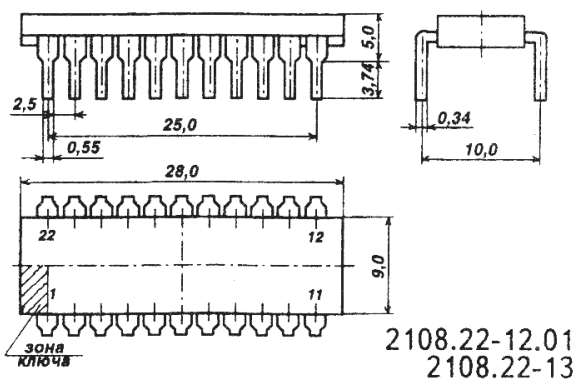
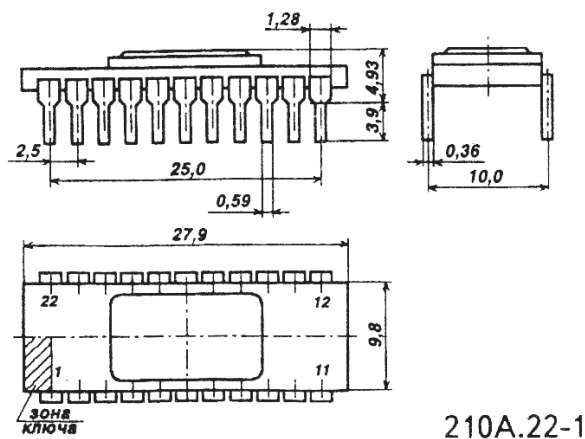
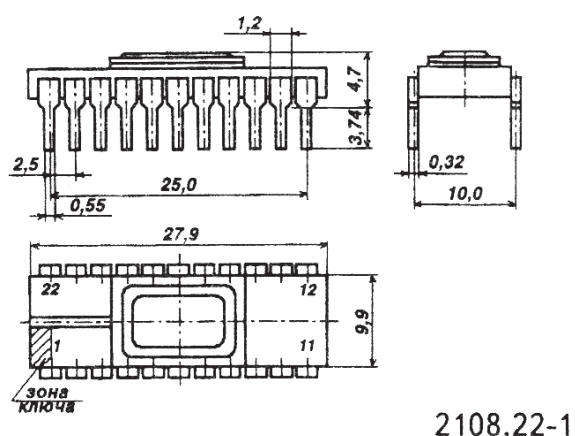
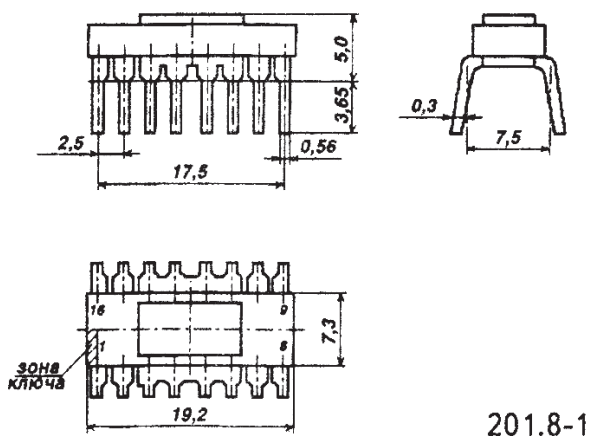
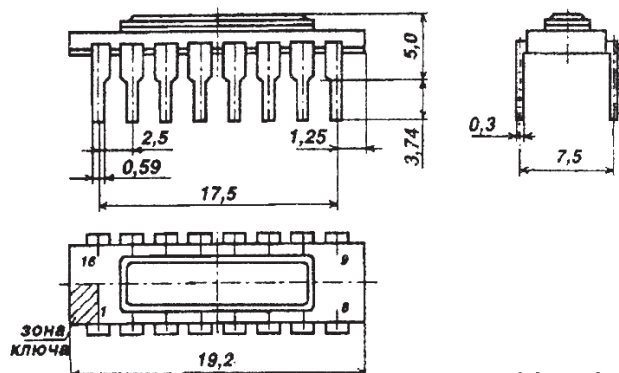
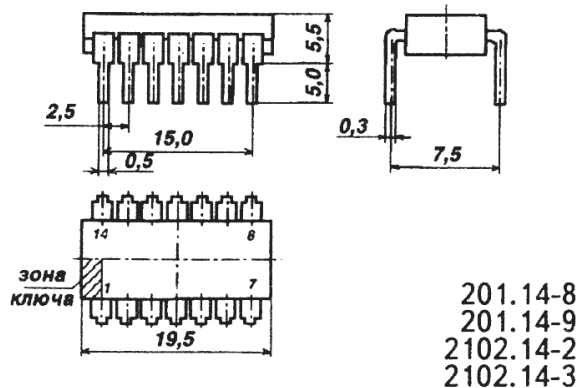


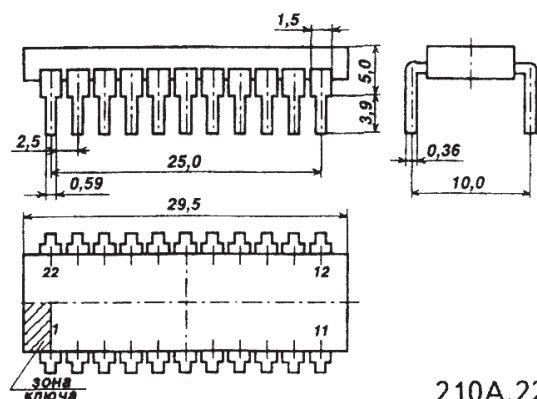
429.42-1
429.42-3
429.42-5
4138.42-3
4151.42-1



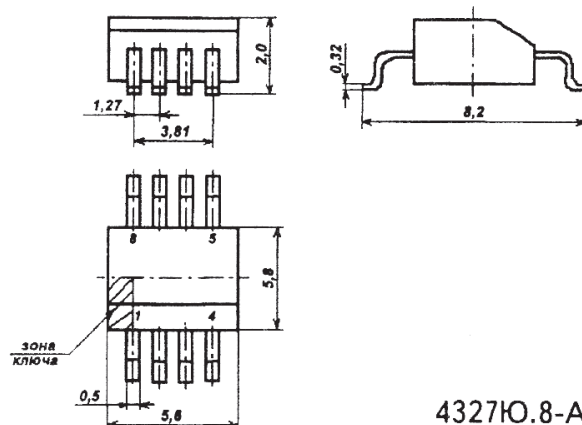
H18.64-1B
H18.64-2B
H18.64-3B
H18.64-4B



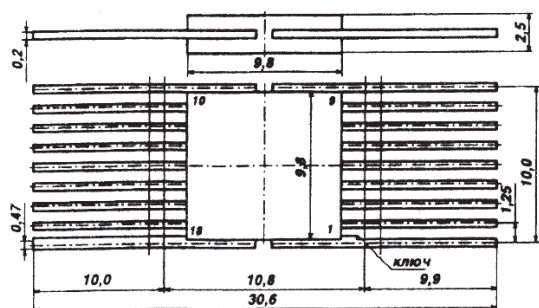
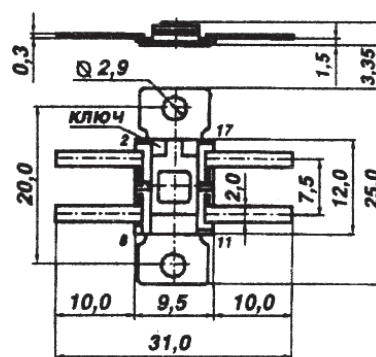




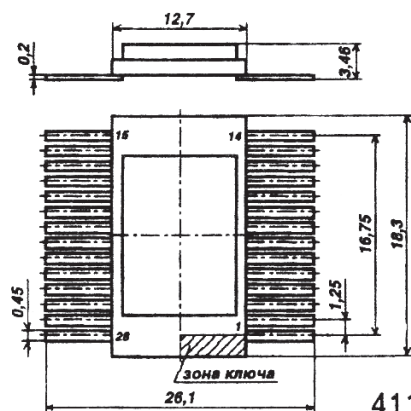
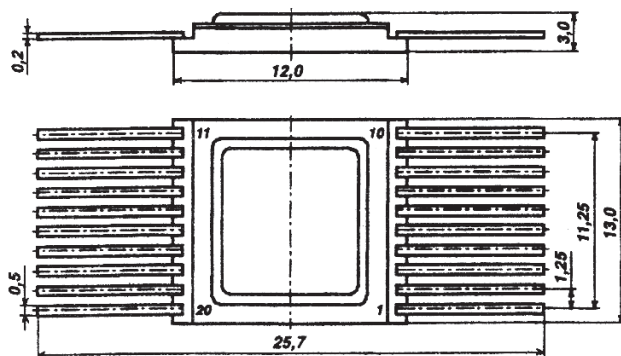
210A.22-3



4327Ю.8-А

4116.18-3
4116.18-6.01

4116.4-3

4119.28-6
4119.28-6.02
4119.28-8

4153.20-1.01

4153.20-3.01

Technical drawing of a 2123.40-6 connector, showing side and front views with dimensions.

Side View (Top):

- Overall length: 50.9
- Distance between mounting holes: 2.5
- Maximum height: 5.0 max
- Height of the main body: 3.5 ± 0.24

Front View (Bottom):

- Overall width: 50.9
- Height of the main body: 15.3
- Height of the mounting flange: 14.7
- Width of the mounting flange: 21
- Width of the main body: 40
- Width of the mounting flange: 20
- Width of the mounting flange: 1
- Key Zone: Indicated by a dashed line and label.

Technical drawing of a 2121.28-6 connector, showing side and front views with dimensions.

Side View (Top):

- Pin pitch: 2.5
- Maximum height: 5.0 max
- Height from base to pin center: $3.5 = 0.24$

Front View (Bottom):

- Overall width: 36.5 max
- Left section width: 28
- Right section width: 15
- Bottom section width: 14
- Key Zone width: 1
- Height from base to top of key zone: 14.7
- Maximum height: 15.0

The technical drawing consists of two views of a mechanical component:

- Top View (Cross-section):** Shows a circular part with a central hole of diameter $\varnothing 5$. The outer diameter is $\varnothing 9.4 \pm 0.4$. There are 12 small holes arranged in a circle. The distance from the top edge to the center of the holes is 2.86 ± 0.15 . The distance from the center of the holes to the right edge is 0.9 ± 0.16 .
- Side View:** Shows the component's profile. The top flange has a diameter of $\varnothing 8.5$. The height of the flange is 4.7 max . The main body has a height of 13.5 ± 1 .

Technical drawing of a mechanical part, showing a cross-section and a side view.

Cross-section (Top View):

- Outer diameter: $\varnothing 9.4-0.4$
- Inner diameter (hole): $\varnothing 5$
- Thickness: $0.9-0.16$
- Dimension line for thickness: $0.86-0.15$

Side View (Bottom View):

- Top diameter: $\varnothing 8.5$
- Height of the top section: 4.7 max
- Total height: 20 ± 1

Technical drawing of a mechanical part, showing a top view and a side view.

Top View:

- Overall diameter: $\varnothing 9.4 \pm 0.4$
- Inner circle diameter: $\varnothing 5$
- Angle: 45°
- Dimension lines indicate a height of 0.9 ± 0.15 and a width of 0.9 ± 0.16 .

Side View:

- Overall diameter: $\varnothing 8.5$
- Height: 4.7 max
- Dimension line indicates a total height of 13.5 ± 1 .

The image contains three technical drawings of a mechanical component:

- Top View:** Shows a rectangular component with a central slot. Dimensions include overall width N , overall height H , slot width E , and a distance $N/2$ from the center to the right edge. There are 12 mounting holes: 6 on the top and 6 on the bottom. Three specific holes on the bottom are numbered 1, 2, and 3. A dimension e_1 is shown from the top edge to the center of the top row of holes.
- Bottom View:** Shows the underside of the component. Dimensions include overall width D , a distance A from the right edge to the center of the mounting holes, a distance A_1 from the bottom edge to the center of the mounting holes, and a distance B from the left edge to the center of the mounting holes. A dimension e is shown from the left edge to the center of the first hole.
- Side View:** Shows the profile of the component. It features a vertical flange on the left with a thickness $h \times 45^\circ$ and a fillet with a radius R . The bottom flange has a width L and a height C . The angle of the bottom flange is α .

8 - 28- ВЫВ. ПЛАСТМАССОВЫЕ SO (D/DW) КОРПУСА

Таблица 1												
Кол-во выводов, N		8	14	14	16	16	16	20	20	24	28	28
Обозначение корпуса по ГОСТ 17467-88		4303Ю.8-A	4306.14-A	4313.14-B	4307.16-A	4311Ю.16-A	4314.16-A	4321.20-B	4316.20-A	4322.24-A	4325.28-A	4323.28-A
JEDEC Аналог		MS-012AA	MS-012AB	MO-046AA	MS-012 AC	MS-013AA	MO-046AB	MS-013AC	MO-046AC	MS-013AD	MO-059AD	MS-013AE
Суффикс		D	D	D	D	DW	D	DW	D	DW	D	DW
Размеры, мм												
A	min	1.35	1.35		1.35	2.35		2.35		2.35	2.35	2.35
	max	1.75	1.75	2.20	1.75	2.65	2.20	2.65	2.20	2.65	3.05	2.65
A1	min	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.05	0.10
	max	0.25	0.25	0.30	0.25	0.30	0.30	0.30	0.30	0.30	0.35	0.30
B	min	0.33	0.33	0.36	0.33	0.33	0.36	0.33	0.36	0.33	0.35	0.33
	max	0.51	0.51	0.50	0.51	0.51	0.50	0.51	0.50	0.51	0.50	0.51
C	min	0.19	0.19	0.18	0.19	0.23	0.18	0.23	0.18	0.23	0.14	0.23
	max	0.25	0.25	0.32	0.25	0.32	0.32	0.32	0.32	0.32	0.32	0.32
D	min	4.80	8.55	8.84	9.80	10.10	10.07	12.60	12.60	15.20	17.70	17.70
	max	5.00	8.75	9.20	10.00	10.50	10.50	13.00	13.00	15.60	18.50	18.10
E	min	3.80	3.80	5.60	3.80	7.40	5.60	7.40	5.60	7.40	8.23	7.40
	max	4.00	4.00	5.80	4.00	7.60	5.80	7.60	5.80	7.60	8.90	7.60
e	nom	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
e1	nom	5.72	5.72	7.62	5.72	9.53	7.62	9.53	7.62	9.53	11.43	9.53
H	min	5.80	5.80	7.84	5.80	10.00	7.84	10.00	7.84	10.00	11.50	10.00
	max	6.20	6.20	8.20	6.20	10.65	8.20	10.65	8.20	10.65	12.70	10.65
h	min	0.25	0.25		0.25	0.25		0.25		0.25	0.25	0.25
	max	0.50	0.50		0.50	0.75		0.75		0.75	0.75	0.75
L	min	0.40	0.40	0.60	0.40	0.40	0.60	0.40	0.60	0.40	0.40	0.40
	max	1.27	1.27		1.27	1.27	1.27	1.27		1.27	1.27	1.27
a	min	0°	0°	2°	0°	0°	2°	0°	2°	0°	0°	0°
	max	8°	8°	10°	8°	8°	10°	8°	10°	8°	8°	8°

8 - 64- ВЫВ. ПЛАСТМАССОВЫЕ DIP (N/NS) КОРПУСА

Таблица 2														
Обозначение по ГОСТ 17467-88		2101. 8-A	2102Ю. 14-B	2103Ю. 16-Д	2104. 18-A	2140. 20-B	2142. 24-A	2121. 28-C	2138Ю. 30-A	2123. 40-C	2171Ю. 42-A	2151Ю. 52-A	2151Ю. 56-A	-
Кол-во выводов, N		8	14	16	18	20	24	28	30	40	42	52	56	64
JEDEC Аналог		MS-001BA	MS-001AA	MS-001BB	MS-001 AC	MS-001 AD	MS-001AF	MS-011AB	MO-026BB	MS-011AC	MS-020AB	MS-020AD	MS-020AD	SOT 274-1
Суффикс		N	N	N	N	N	N	N	NS	N	NS	NS	NS	NS
A	max	5.33	5.33	5.33	5.33	5.33	5.33	6.35	5.08	6.35	5.08	5.08	5.08	5.84
Ai	min	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.51	0.38	0.51	0.51	0.51	0.51
A2	min	2.92	2.92	2.92	2.92	2.92	2.92	3.18	3.05	3.18	3.05	3.05	3.05	3.05
	max	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.57	4.95	4.57	4.57	4.57	4.57
B	min	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.4
	max	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.58	0.56	0.56	0.56	0.56	0.53
B2	min	1.14	1.14	1.14	1.14	1.14	1.14	0.77	0.76	0.77	0.89	0.89	0.89	0.8
	max	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.40	1.78	1.14	1.14	1.14	1.3
C	min	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.23	0.23	0.23	0.23
	max	0.36	0.36	0.36	0.36	0.36	0.36	0.38	0.36	0.38	0.38	0.38	0.38	0.38
D	min	8.51	18.67	18.67	22.35	24.89	31.24	35.10	26.67	50.30	36.58	45.72	45.72	57.7
	max	10.16	19.69	19.69	23.37	26.92	32.51	39.70	28.49	53.20	37.08	46.23	46.23	58.67
E	min	7.62	7.62	7.62	7.62	7.62	7.62	15.24	9.91	15.24	15.24	15.24	15.24	19.05
	max	8.26	8.26	8.26	8.26	8.26	8.26	15.87	11.05	15.87	16.00	16.00	16.00	19.61
E1	min	6.1	6.1	6.1	6.1	6.1	6.1	12.32	7.62	12.32	12.70	12.70	12.70	16.9
	max	7.11	7.11	7.11	7.11	7.11	7.11	14.73	9.40	14.73	14.48	14.48	14.48	17.2
e	nom	2.54	2.54	2.54	2.54	2.54	2.54	2.54	1.778	2.54	1.778	1.778	1.778	1.778
e2	nom	7.62	7.62	7.62	7.62	7.62	7.62	15.24	10.16	15.24	15.24	15.24	15.24	19.05
L	min	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.54	2.92	2.54	2.54	2.54	2.8
	max	3.81	3.81	3.81	3.81	3.81	3.81	5.08	3.81	5.08	3.56	3.56	3.56	3.2
a	min	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
	max	10°	10°	10°	10°	10°	10°	10°	10°	10°	10°	10°	15°	15°