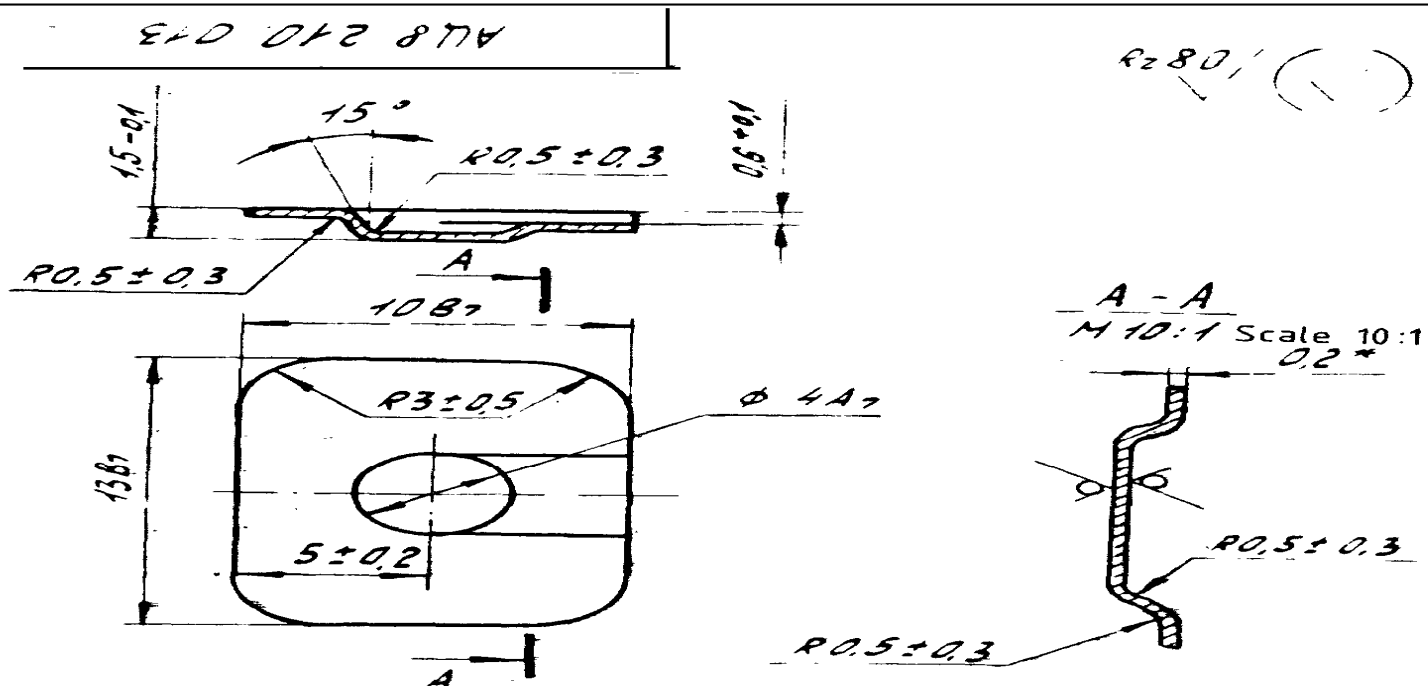


Восстановлен с подлинника. Верно.

ТИП - 1688-042 АЦ.5.935.058

D.C.(U)-1231-I(P), 5421-I, 5582-I.



1. Burrs are not allowed.
2. *Dimension for reference.

1. Залусенцы не залускаются (1/10) 4
2. * Размер для справок.

G/No 41315

CAT/PT. No. 5905-020255

up dated up to 31/5/89 DO (0 L F)

АЦ8.210.013.

A2
6A

COVER, THERMAL
RESISTOR.

SHEET	MASS -	SCALE
1 OF 1	0.0002	5:1

APPROVED	DATE	REFERENCE
CHECKED	DATE	REFERENCE
DRAWN	DATE	REFERENCE

MATERIAL: COPPER MI GOST 1173-77.

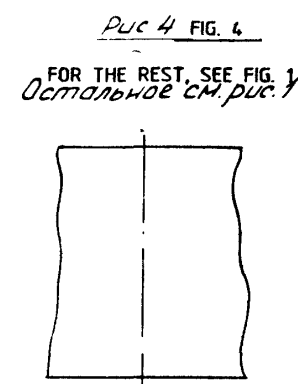
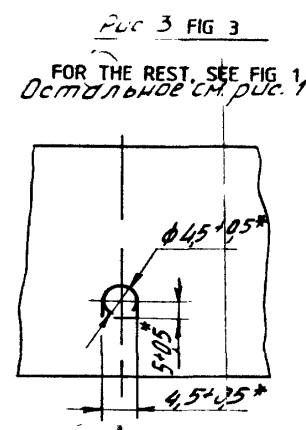
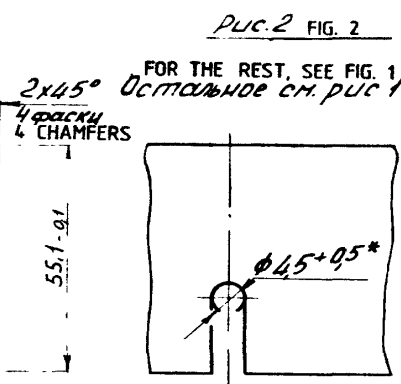
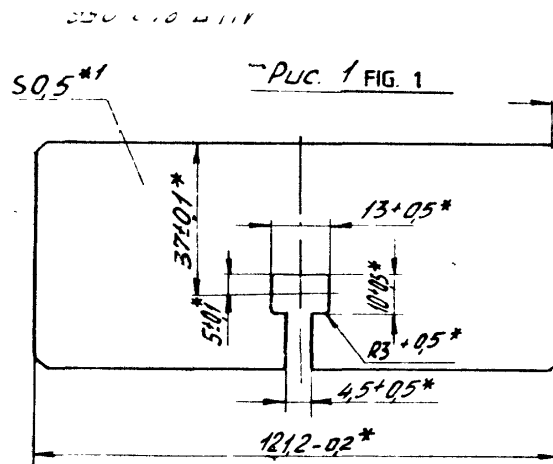
HEAVY VEHICLES FACTORY
AVADI

D.C.(1)-1231-I(P), 1475-I(P), 5421-I, 5562-I

АЦУС-54 10/1/83

Рис. 1

ТН170-160-016 АЦ5935089

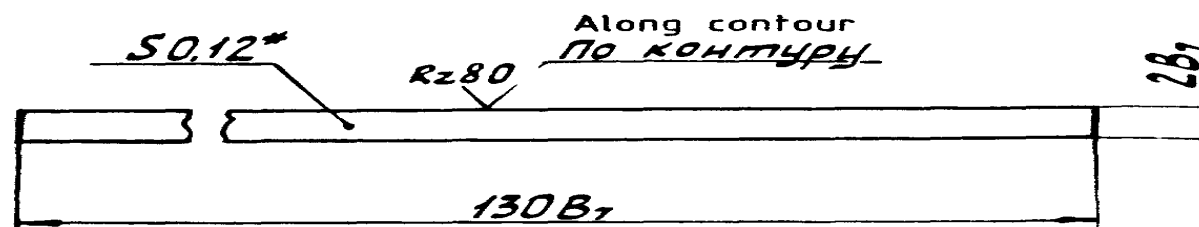


CAT/PART Nos.	PART No. Обозначение	FIG. Рис.
1240-002420	АЦ7.842.056	1
1240-002421	01	2
1240-002422	02	3
1240-002423	03	4

- 1* Размеры обеспеч. инстру
2* Размер для справоч.
1*Dimensions should be ensured with tool.
2*Dimension for reference.

up dated up to 31/5/89 DO(PLF)

(10) 27.4.92 (11) 5.10.90 (12) 1.8.92 (13) 1.12.87		D.C.(1)-5562-I NOM. AMENDED & CAT/PT. READED D.C.(1)-5562-I DRG. SEALED ADD.C(1)-1475-I(P) MATL. AMENDED D.C.(1)-1231-I(P) DRG. PROV. SEALED	АЦ7.842.056 (14)		A2 56
ISSUE DATE REFERENCE			(15) SHEET MASS. SCALE 1 OF 1 0.004 1:1		
APPROVED CHECKED K. Dammann DRAWN M. Manabek			MATERIAL: FILM A-17 0.5 x 1000 GOST 9438-85		
(16) 24.5.85 (17) 10/5/85			HEAVY VEHICLES FACTORY AVAD 32		



1. Heat treatment: Vacuum annealing Degree of annealing should be checked according to GOST 1173-77. on two specimens, 20 x 60 mm, taken from each batch.
2. Deformation and burrs are not allowed.
3. Bus-bar should be etched Thickness of bus,-bar after etching should not be less than 0.09 mm.
4. Local darkening and temper colours are not allowed
- 5 *Dimension for reference

D.C(I):-1231-I(P), 5421-I, 5562-I,

8304 UNB 64 12 5 4304 84 12 17 J Dama

THNO-160-072

Handed 10/21

7:04 PM, 10/10/10

8/II-80

(a) CAT/PT.No.
6150-000426

Up dated up to 31/5/89 DO (O.L.F)

АЦ 7.755.087

A2
52

BUS-BAR

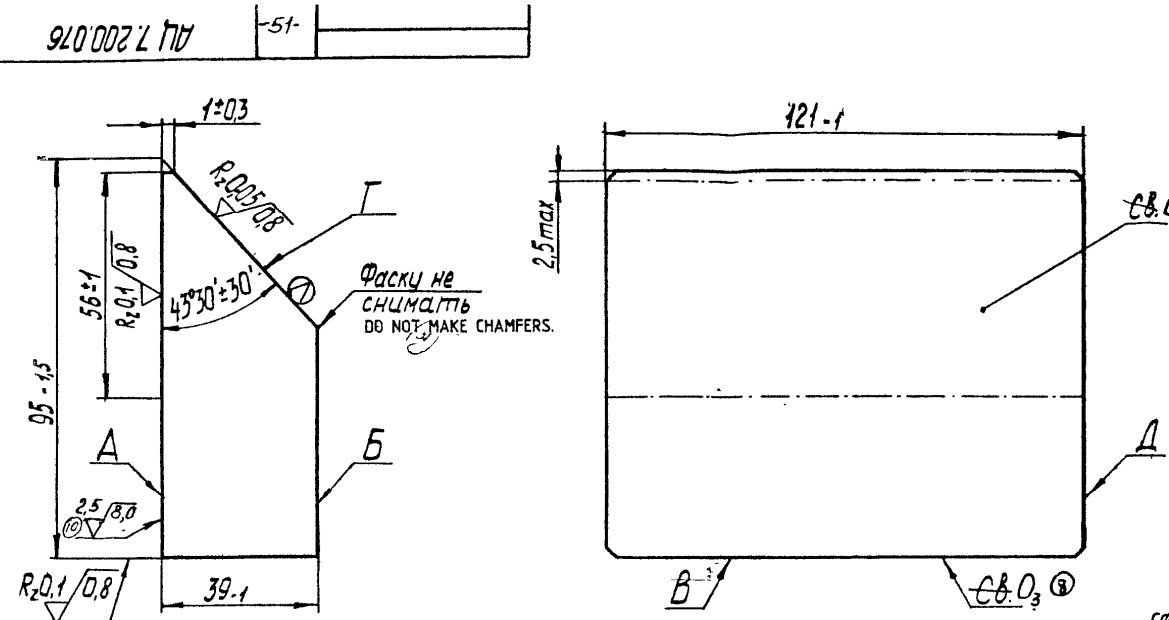
SHEET	MASS -	SCALE
1 OF 1	0.00028	4.1

MATERIAL: COPPER BAND MIT
GOST 1173 -77

HEAVY VEHICLES FACTORY
AVADI 987

274.92	D.C.(I)-5562-I. CAT/PT.NO. ADDED D.C.(I)-5421-I DRG SEALED
S.1090	D.C.(I)-1231-I(P) DRG. PROV. SEALED
112.87	REFERENCE
APPROVED	26.5.85
CHECKED	24.5.85
DRAWN	16.5.85

1. 15-18-1
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 97. 15-18-1
 98. 15-18-1
 99. 15-18-1
 100. 15-18-1



1. 20-25
 2. 0.8
 3. 1

Δπε	5
Δ/π-πс/г	5
Однородн	5
Двулучепр	5
Деформация	7
Бесцветность	*
Пузырность	8Г
Р	III

HOMOGENEITY
 DOUBLE REFRACTION
 NONSTRIATION
 BUBBLING

- SUBSTITUTE MATERIAL: GLASS K100 OST 3-28-77, GLASS K100 GOST 3514-76.
- ANGLE BETWEEN SURFACE A AND A, A AND B, A AND B, A AND Г SHOULD BE $90^\circ \pm 30'$.
- CHAMFERS AT EDGES $1 \pm 0.5 \times 45^\circ$ EXCEPT PLACES SPECIALLY SPECIFIED, AT CORNERS $2 \times 45^\circ$.
- Ø 25 P2E-72 n AS PER OST 3-1901-85.
- COATING SILVER AND ON DULL SURFACE BACKALITE VARNISH 6C-1 GRADE 1 GOST 901-78 WITH FILLERS: CARBON BLACK GOST 78 85-77 TALE TPH II GOST 19729-78 AND THAN BACKALITE VARNISH 6C- GRADE WITH FULLERS: TITANIUM DIOXIDE P-02 OR A-1 GOST 9808-84 AND TALCTP II H.
- RESISTANCE OF INSULATION OF VARNISH COATING INRELATION TO COPPER SHOULD NOT BE LESS THAN 20 m Ohm.
- NONSTRIATION AND REMAINING TECHNICAL REQUIREMENTS AS PER Ty 3-3-834-78.

1. Заменитель материала: стекло К100 ГОСТ 3514-76.
2. Угол между поверхностями Д и А, Д и Б, Д и В, Д и Г $90^\circ \pm 30'$.
3. Фаски на ребрах $1 \pm 0.5 \times 45^\circ$ кроме мест указанных особо. Фаски на углах $2 \times 45^\circ$.
4. ① - зеркальн. 25Р. 3Е. 72П по ОСТ 3-1901-75. 85.
5. ② Покрытие серебряной и матовых поверхностей -

13	АЦ 637-87	Зер.	20.08.87
12	АЦ 810-86	Зер.	21.11.86
11	АЦ 594-86	Зер.	16.10.86
10	АЦ 479-84	Зер.	08.08.84
9	АЦ 768-83	Зер.	12.08.83
8	АЦ 879-83	Зер.	10.05.83
7	АЦ 609-81	Зер.	08.08.81
6	АЦ 344-80	Зер.	29.04.80
5	АЦ 100-78	Зер.	27.01.78
4	АЦ 100-78	Зер.	27.01.78
3	АЦ 100-78	Зер.	27.01.78
2	АЦ 100-78	Зер.	27.01.78
1	АЦ 100-78	Зер.	27.01.78

GROUP 1 41315 KD FOLDER/SHEET No 40/51

DRG No. АЦ 7.200.076

SHEET	WEIGHT	SCALE
	0.7	1:1

PRISM, OPTICAL INSTRUMENTS

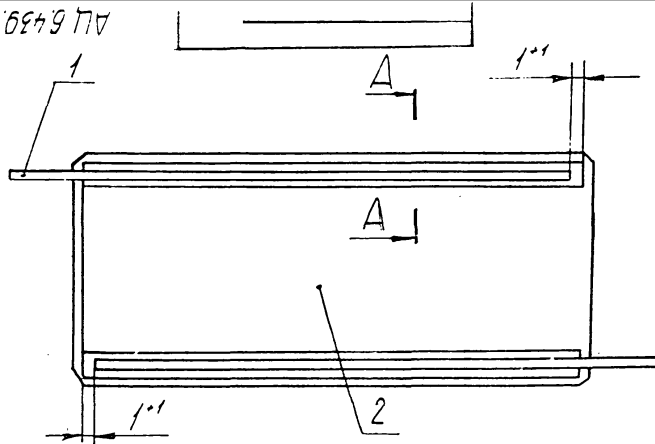
MATERI GLASS K-108 IST 3514-76.

OPTO ELECTRONICS FACTORY DE - ADUN

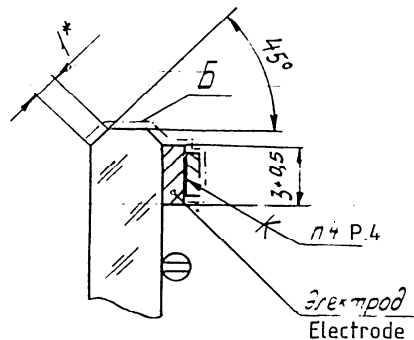
DC (0) - 5562-I	27A.92	AMENDMENTS	SIG.	DATE
DC (0) - 5562-I	27A.92	AMENDMENTS	SIG.	DATE

[illegible]

890 6949 77



A - A
M5:1 Scale 5:1



PART. No.	Resistance of current conducting coating, ohms.
AQ5. 439. 038 B5	Requirements of point 1 of drawing AQ5. 935. 088 C6 should be observed.
- 01 C6	Requirements of point 1 of drawing AQ5. 935. 088 C6 should be observed.

1. 1017 AS PER OCT 3-1901-85 B ②
- (A) 2. Silicate-silver electrodes having a thickness of 0.01 to 0.03mm should be applied to the current conducting coating along the whole length.
3. Plate with electrodes should be hardened. Degree of hardening should not be less than 0.7 N/cm.
4. Busbars 1 should be glued with current-conducting adhesive with nickel filler.
5. Sublayer NC-4 TY6-05-1463-75 should be applied to surface 6 along the whole length of plate.
6. Dimensions for reference.
7. The rest of the technical requirements are according to TY6-05-041-805-83

CAT/PT. No.
1240-002435

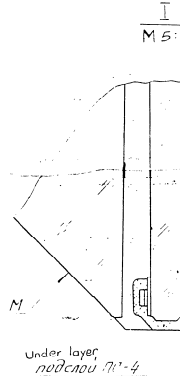
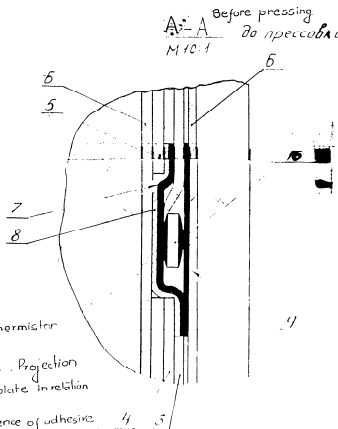
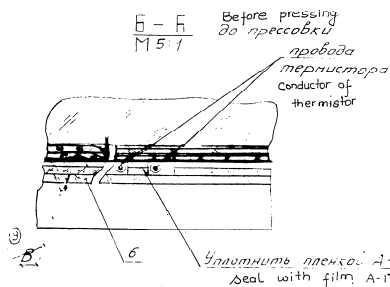
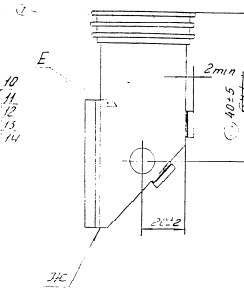
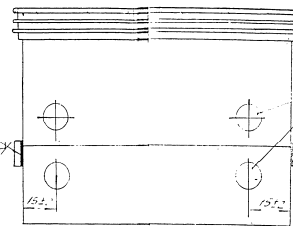
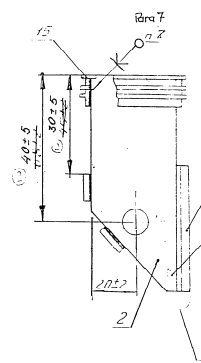
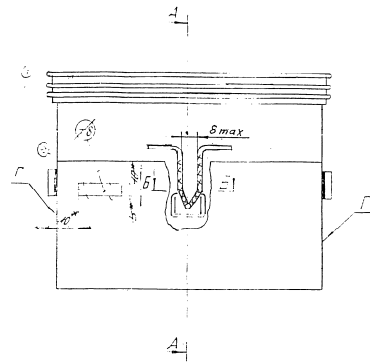
25

D.C. (1): 5562-1 27.4.92		D.C. (1): 5562-1 NOM. AMEDED & CAT/PT		UP dated up to 31/5/89 DO (O.L.F)	
D.C. (1): 5421-1 1.8.90		D.C. (1): 5421-1 DRG. SEALED		4131 SKL. 21.2	
D.C. (1): 1231-1 (P) 1.12.87		D.C. (1): 1231-1 (P) DRG. PROV. SEALED		A2 49	
2 ① 25/6/87		AU 435-86		PLATE HEATING ASSEMBLY DRAWING	
1 ① 25/6/87		AU 674-85		SHEET 1 OF 1	
ISSUE DATE		REFERENCE		MASS 0.05	
APPROVED		24.5.85		SCALE 1:1	
CHECKED K. Damodan		10/5/85		HEAVY VEHICLES FACTORY	
DRAWN 28. Maniappan				AVADI.	

D.C. (1): 1231-1 (P), 1475-1 (P), 5421-1, 5562-1.

RECEIVED
JAN 10 1964
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.

[illegible]



- Resistance of current-conductive coating of plate 1, measured with leads U and E - 215 ± 1 Ω.
- Insulation resistance between current-carrying and varnish coatings and thermistor item 16 should not be less than 100 MΩ.
- Affix the plate to prism, with current-conducting layer inside. Projection of plate from surface JE of prism 1 mm max. Sinking of plate into relation to surface JE is not permitted.
- After pressing cut the excess film along the plate and prism. Presence of adhesive film on surface M, with thickness 0.5 mm max., is permitted, if the total area does not exceed 5 cm².
- Projection of gaskets item 7, 9 beyond the overall dimensions of machine B should not exceed 2 mm.
- Centering of prism in body of device is insured by one of the packings item 10...14. It is permitted to install set of packings.
- Glue 88H ТУ 88-105-1061-76.
- Make technological markings with black marking ink ТУ 6-15-458-76 on surface B of adhesive film item 6.
- Local projection of underlayer PC-4 above the silver electrodes in light zone should not exceed 1 mm.
- Before affixing, the resistance of thermistor at temp. plus 20°C should be from 6500 to 6800 Ω. Resistance of thermistor of prism should conform to the values specified in table.

- * Dimensions for reference.
- Other technical requirements as per ТУ 5-834-73

- Соприкасание в точке соприкосновения покрытия пластины из 1, импрегнированной с выводов Ц.Е. - 215 ± 1 Ω.
- Соприкасание покрытия между контактами в рабочем положении и термистором поз. 16 не менее 100 МΩ.
- Пластина крепится к призме, так, чтобы проводящим слоем внутрь. Выступание пластины за поверхность JE не должно превышать 1 мм. Впадение пластины относительно JE не допускается.
- После прессовки вытекнувшую пленку срезать по контуру пластины и призмы. Допускается наличие пленки на поверхности M толщиной не более 0.5 мм, общей площадью не более 5 см².
- Выступание прокладок поз. 7, 9 за габариты стакана поз. 8 не более 2 мм.
- Центрировку призмы в корпусе прибора обеспечить одной из прокладок поз. 10...14.
- Допускается установка набара прокладок. ТУ 88-105-1061-76.
- Клей 88H ТУ 88-105-1061-76.
- Технологическую маркировку наносить тушью черной ТУ 6-15-458-76 на поверхность B пленки, клеящей поз. 6.
- Местное выступание подслоя PC-4 за серебряные электроды в световую зону - не более 1 мм.
- Перед склейкой сопротивление термистора при температуре плюс 20 ± 2°C должно быть от 6500 до 6800 Ω.
- Сопротивление термисторной цепи призмы должно соответствовать указанным в таблице значениям.

Температура, °C	19	20	21	22
Resistance, Ω	6700 ± 50	6700 ± 50	6700 ± 50	6700 ± 50
Impedance, Ω	до 7250	до 7500	до 7500	до 7500

- * Размеры для справок
- Дополнительные технические требования по ТУ 5-834-74.

UPDATED ON 6.4.92

9	2	24005-81	ТУ 88-105-1061-76	100	100	100	100
4	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
9	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
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7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100
7	7	24005-81	ТУ 88-105-1061-76	100	100	100	100

D.C(1)-1231-I(P), 5421-I.

SIZE	ZONE	REF No	PART No	NOMENCLATURE	Qty	REMARKS
				<u>DOCUMENTS</u>		
24			AЦ5 935 089 CB	Assembly Drawing		
				<u>ASSEMBLY UNITS</u>		
11		1	AЦ6 439 038- 01	Heating plate	1	
				<u>COMPONENTS</u>		
12		2	AЦ7 200 076	Prism	1	
12		3	AЦ7 842. 056	Gluing film	1	
12		4	-01	Gluing film	1	
12		5	-02	Gluing film	1	
12		6	-03	Gluing film	2	
11		7	AЦ8. 684. 121	Gasket	1	
11		8	AЦ8 210 013	Cup	1	

D.C(1)-5421-I PT LIST SEALED		W 5.10.90		up dated up to 31/5/89 D.C(1)-I(P)	
D.C(1)-1231-I(P) PART LIST PROV. SEALED		1-12.87		AЦ5.935.089	
AT	Sheet No	No. OF DOCUMENT	SIGNATURE	DATE	
DESIGNER					
CHECKED BY					
INSPECTOR					
APPROVED					

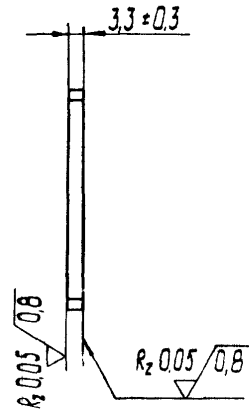
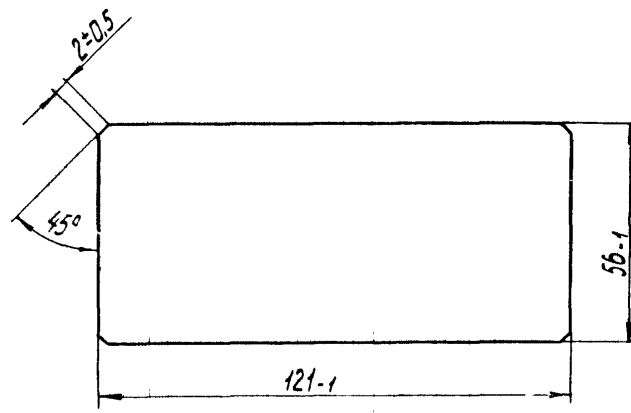
HEATING PRISM		
LETTER	SHEET	No. OF SHEET
1	1	2
HEAVY VEHICLES FACTORY		
AVADI		

АЦ 8.640.153

Средняя
плотность
АЦ 8.639.038

Материал
Литон-160-071

D.C.(1)-1231-I(P), 1475-I(P), 5421-I
17215-66
17215-66



2,5/0,8 (✓)

Δ пс	5
Δ(пс'-пс')	5
Однородность	5
Double refraction	4
WEAKENING	8
Non-striation	*
Бесштрельность	*
BUBBLING	7E
Пузырчатость	7E
Р	VII

- Фаски на ребрах $0,5^{+0,5} \times 45^\circ$ кроме мест, указанных особо.
 - Бесштрельность* и остальные технические требования по ТУЗ-3834-78.
1. Chamfers on ribs $0,5^{+0,5} \times 45^\circ$ unless otherwise specified.
2. Nonstriation* and the rest of the technical requirements are according to TУЗ-3.834-78.

up dated up to 31/5/89 D0101.5		A2 69	
510.90 1.8.90		D.C.(1)-5421-I DRG. SEALED (A) D.C.(1)-1475-I(P) MARK 'NA' ADDED.	
112.87		D.C.(1)-1231-I(P) DRG. PROV. SEALED	
ISSUE	DATE	REFERENCE	
APPROVED		PS 5.85	
CHECKED		24.5.85	
DRAWN		24/5/85	
AЦ8.640.153		PLATE	
SHEET		MASS	SCALE
10F1	0.06	1:1	
MATERIAL: GLASS ЛК 105		HEAVY VEHICLES FACTORY	
ГОСТ 3514-76		AVADI	