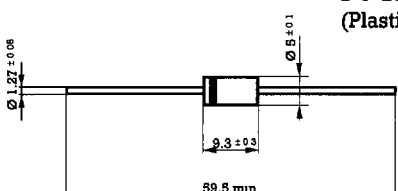




FAGOR ELECTRONICS

3 Amp. Silicon Rectifier Diodes

T-01-15

Dimensions in mm. DO-201AD DO-27A (Plastic)  Mounting instructions 1. Min. distance from body to soldering point, 4 mm. 2. Max. solder temperature, 350°C. 3. Max. soldering time, 3,5 sec. 4. Do not bend lead at a point closer than 3 mm. to the body.	Voltage 200 to 1.300 V. Current 3.0 A. at 50°C.
	• Low cost • Diffused junction • High current capability • The plastic material carries U/L recognition 94 V-0 • Terminals: Axial Leads • Polarity: Color band denotes cathode

Maximum Ratings, according to IEC publication No. 134

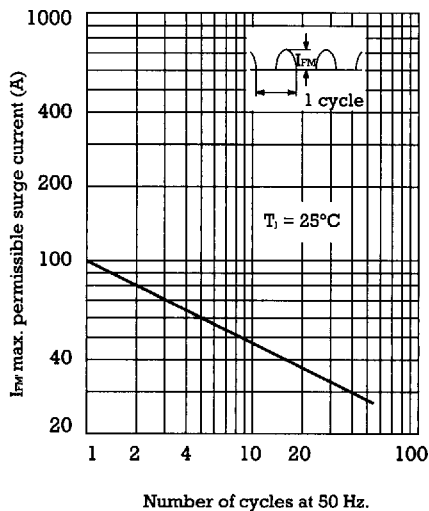
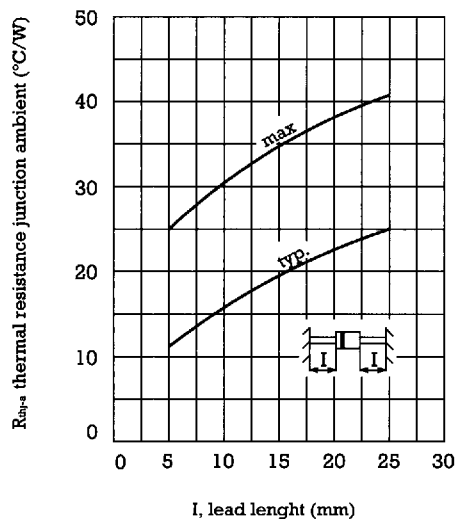
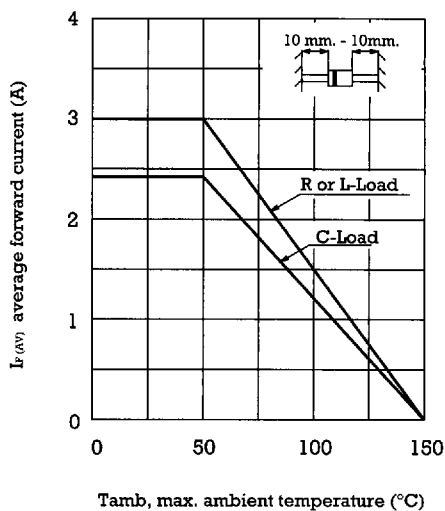
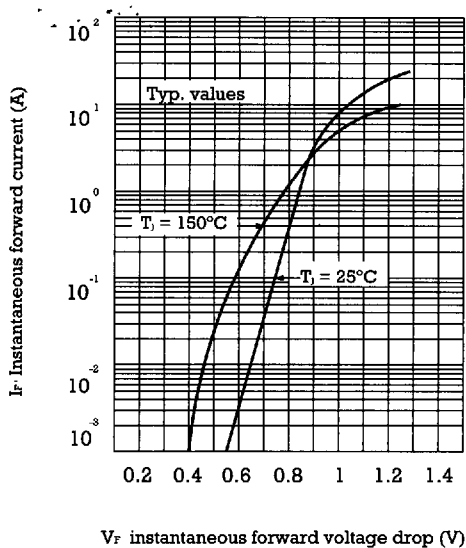
		BY 251	BY 252	BY 253	BY 254	BY 255
V_{RRM}	Peak recurrent reverse voltage (V)	200	400	600	800	1300
$I_{F(AV)}$	Forward current at $T_{amb} = 50^\circ C$	3 A				
I_{FRM}	Recurrent peak forward current	20 A				
I_{FSM}	10 ms peak forward surge current	100 A				
T_j	Max. operating temperature	150°C				
T_{stg}	Storage temperature range	- 65 to + 150 °C				

Electrical Characteristics at $T_{amb} = 25^\circ C$

V_F	Max forward voltage drop at $I_F = 3 A$	1.1V
I_R	Max. reverse current at V_{RRM}	20 μA
R_{thj-a}	Max thermal resistance ($l = 10 \text{ mm.}$)	30° C/W

FAGOR ELECTRONICS

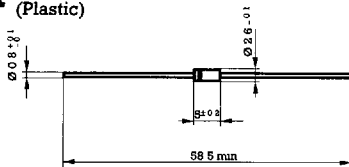
Characteristic Curves



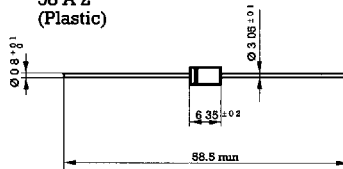
Package Outlines

Dimensions in mm.

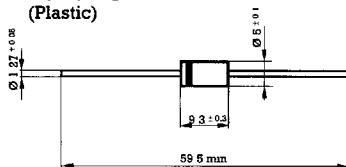
1 DO-41 (Plastic)



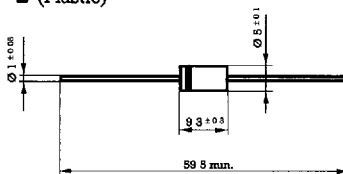
2 DO-15 F-126 58 A 2 (Plastic)



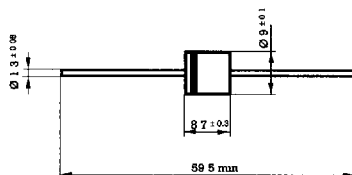
3 DO-27 A DO-201 AD (Plastic)



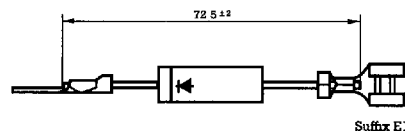
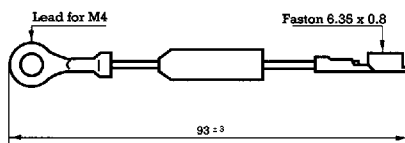
4 DO-201 AE (Plastic)



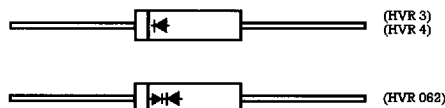
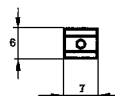
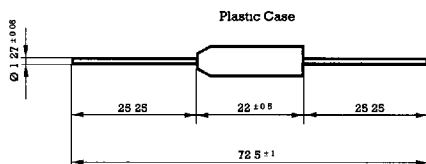
5 P-6 (Plastic)



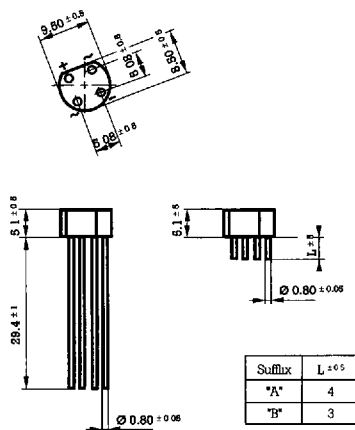
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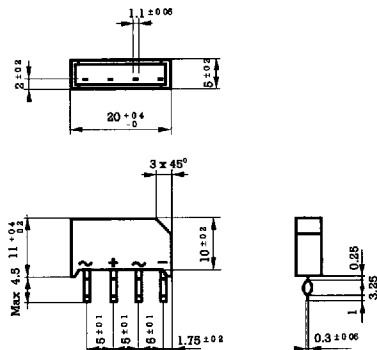
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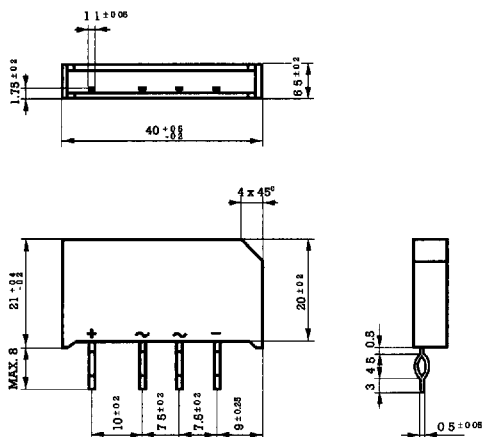
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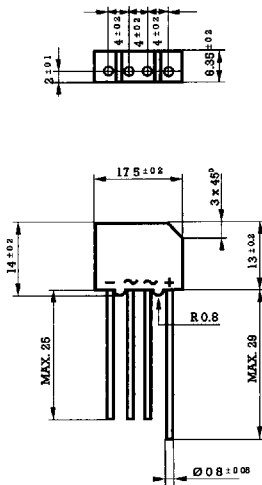
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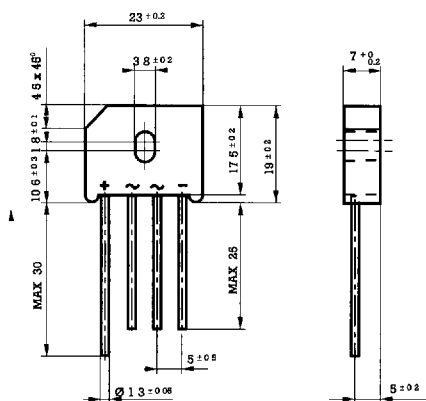
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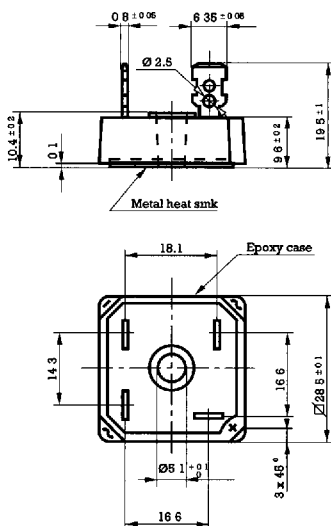
Package Outlines

Dimensions in mm.

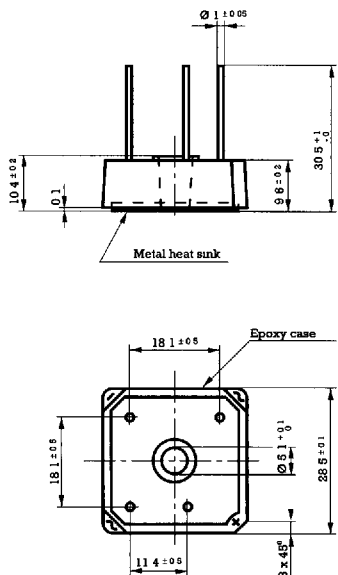
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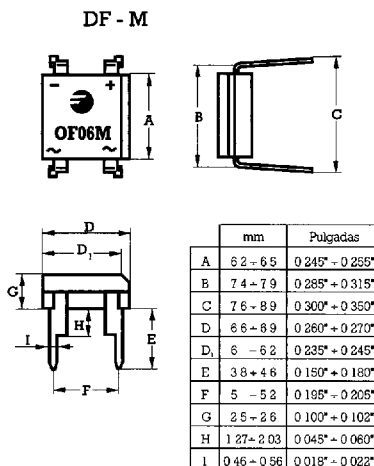
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14



15

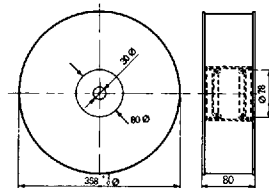
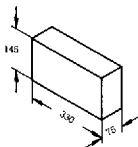


Dimensions in mm

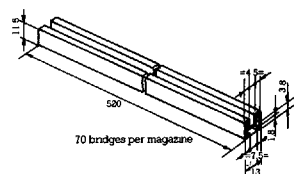
REEL PACKAGING (Under IEC-CEI 286-1 and RS-296 D)

CASE TYPE (OUTLINE)	REEL DIMENSIONS					UNITS PER REEL	APROX GROSS WEIGHT PER REEL PACKED
	K	b	S	m	a		
(1) DO41 (Plastic)	6.4	53 ±.2	5 ±.05	1.2	6 ±.1	6000	2.5 kg (5.52 Lbs.)
(2) DO15 (Plastic)	7.85	53 ±.2	5 ±.05	1.2	6 ±.1	5000	2.3 kg (5.07 Lbs.)
(3) DO201AD (Plastic) (4) DO201AE (Plastic)	11	53 ±.2	10 ±.05	1.2	6 ±.1	1500	2 kg (4.41 Lbs.)
(5) P-6 (Plastic)	11.27	53 ±.2	10 ±.05	1.2	6 ±.1	1000	3 kg (6.61 Lbs.)

REEL PACKAGING

AMMO BOX PACKAGING (SUFFIX "AMP")

OUTLINES	BOX SIZE	UNITS PER BOX	APROX GROSS WEIGHT PER REEL PACKED
D0-41 (Plastic)	330 x 75 x 145	6000	2 20 kg (4 85 Lbs)
D0-15 (Plastic)	330 x 75 x 145	5000	2 20 kg (4 85 Lbs)
D0-201AD (Plastic)	330 x 75 x 145	1500	1 85 kg (4 08 Lbs)
D0-201ED (Plastic)	330 x 75 x 145	1500	1 85 kg (4 08 Lbs)
P-600	330 x 75 x 145	500	1 2 kg (2 65 Lbs)

DIL PACKAGING
ANTISTATIC PLASTIC TUBS

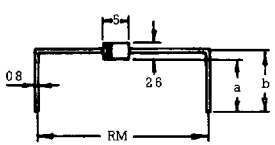
BOX PACKAGING

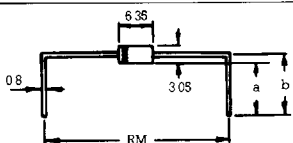
DEVICE TYPE (OUTLINE)	BOX SIZE	UNITS PER BOX	APROX GROSS WEIGHT
(6) (7) HVR3. HVR4 HVR062 (7) = Suffix E1	70 x 105 x 205	(6) 250 (7) 200	0 710 kg (1 560 Lbs)
(8) B C800, C1000, C1500 R, WL F, WF / ("A")	70 x 105 x 205	500 / (1.500)	0 650 kg (1 430 Lbs)
(9) B C1500/1000, C2000/1500	70 x 105 x 205	500	1 100 kg (2 425 Lbs)
(10) B . C3700/2200	70 x 105 x 205	100	1 100 kg (2 425 Lbs)
(10) B . C500/3300, C5000/3300-400	70 x 105 x 205	100	1 100 kg (2 425 Lbs)
(11) FBP, 2FBP	215 x 85 x 335	500	2 10 kg (4.62 Lbs)
(12) FBU 4 - 6 - 8	270 x 90 x 400	500	4 20 kg (9 23 Lbs)
(13) FB 10 - 15 - 25 - 35 - 50 B 10 - 15 - 25 - 35 - 50	70 x 105 x 205	50	0 850 kg (1.872 Lbs)
(14) FB 10L - 15L - 25L B 10L - 15L - 25L	35 x 135 x 205	20	0.350 kg (0.770 Lbs)
DF - M	540 x 145 x 110	5 600	4 0 kg (8 82 Lbs.)

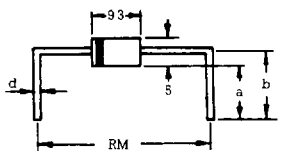
Standard lead forming specifications

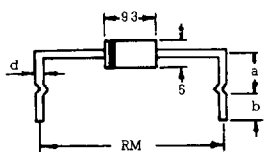
Dimensions in mm.

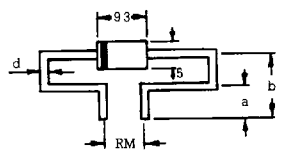
Plastic Cases

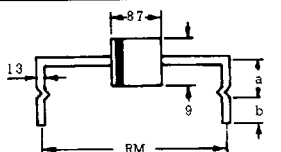
DO-41		Type	Dimensions		
			a	b	RM
		C2-3	3 ± 0.5	43 ± 0.5	10 ± 0.5
		C2-5	10 ± 0.5	113 ± 0.5	10 ± 0.5
		C2-8	4 ± 0.5	53 ± 0.5	10 ± 0.5

DO-15		Type	Dimensions		
			a	b	RM
		C2-3	3 ± 0.5	45 ± 0.5	10 ± 0.5
		C2-5	10 ± 0.5	115 ± 0.5	10 ± 0.5
		C2-8	4 ± 0.5	55 ± 0.5	10 ± 0.5

DO-201AD DO-27A (d = 1.27)		Type	Dimensions		
			a	b	RM
		C2-1	35 ± 0.5	6 ± 0.5	15 ± 0.5
		C2-2	4 ± 0.5	65 ± 0.5	15 ± 0.5
		C2-4	75 ± 0.3	10 ± 0.3	178 ± 0.15
		C2-6	35 ± 0.5	6 ± 0.5	175 ± 0.5
		C2-7	45 ± 0.5	7 ± 0.5	21 ± 0.5
		C2-11	45 ± 0.5	7 ± 0.5	175 ± 0.5
		C2-12	125 ± 0.5	15 ± 0.5	175 ± 0.5
		C2-13	16 ± 0.5	185 ± 0.5	152 ± 0.5
		C2-14	75 ± 0.5	10 ± 0.5	15 ± 0.5
		C2-17	4 ± 0.5	85 ± 0.5	20 ± 0.5

DO-201AD DO-27A (d = 1.27)		Type	Dimensions		
			a	b	RM
		C6-1	10 ± 0.5	5 ± 0.5	152 ± 0.5
		C6-2	10 ± 0.5	5 ± 0.5	175 ± 0.5
		C6-3	7 ± 0.5	5 ± 0.5	21 ± 0.5
		C6-4	135 ± 0.5	5 ± 0.5	152 ± 0.5
		C6-5	10 ± 0.5	5 ± 0.5	20 ± 0.5

DO-201AD DO-27A (d = 1.27)		Type	Dimensions		
			a	b	RM
		C4-2	45 ± 0.3	10.5 ± 0.3	75 ± 0.5

P-6		Type	Dimensions		
			a	b	RM
		C6-1	10 ± 0.5	5 ± 0.5	152 ± 0.5
		C6-2	10 ± 0.5	5 ± 0.5	175 ± 0.5
		C6-3	7 ± 0.5	5 ± 0.5	21 ± 0.5
		C6-4	135 ± 0.5	5 ± 0.5	152 ± 0.5