

A

– other cuttings on request

B

C

D

E

F

G

H

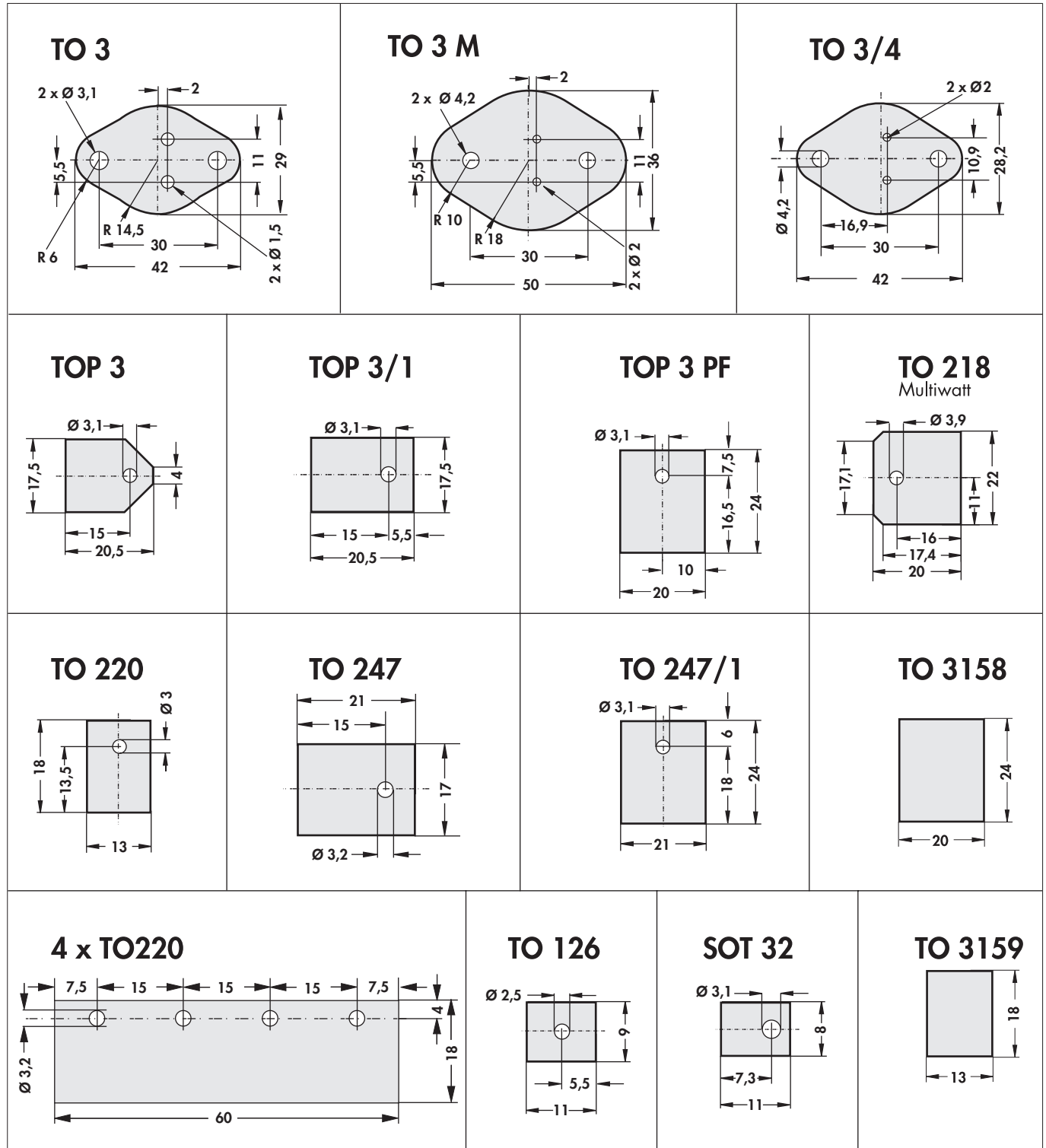
I

K

L

M

N



Silicone rubber insulating material for semiconductors

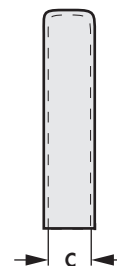
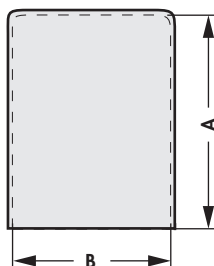
foil type	foil WS	foil WG	foil WK	foil WB
material	silicone foil, standard	silicone foil, GF reinforced	silicone foil, GF reinforced, one side self-adhesive	silicone foil, GF reinforced
washer				
TO-3	WS 3	WG 3	WK 3	WB 3
TO-3 M	WS 3 M			
TO-3/4	WS 3/4		WK 3/4	
TO-3 PF	WS 3 P	WG 3 P	WK 3 P	WB 3 P
3158	WS 3158		WK 3158	WB 3158
TOP 3	WS TOP 3			
TOP 3/1	WS TOP 3/1		WK TOP 3/1	
TO 218 (Multiwatt)		WG 218		
TO 247	WS 247		WK 247	
TO 220	WS 220	WG 220	WK 220	WB 220
4 X TO 220	WS 4 220			
3159	WS 3159		WK 3159	WB 3159
TO 126			WK 126	
SOT 32			WK 32	
TO 247/1	WS 247/1			
insulating tube				
TO-220 Ø 11 mm, length 25 mm	WSC-220			
TO-3 PF Ø 13.5 mm, length 25 mm	WSC-3 P			
TO-247 Ø 14.5 mm, length 30 mm	WSC-247			
insulating tube as meterpiece				
TO-220 Ø 11 mm	WSM-220			
TO-3 PF Ø 13.5 mm	WSM-3 P			
tape material (width)				
24 mm			WKT 24	
30 mm	WST 30		WKT 30	WBT 30
36 mm	WST 36	WGT 36	WKT 36	WBT 36
85 mm	WST 85		WKT 85	
300 mm		WGT 300	WKT 300	WBT 300
	Foil WS	Foil WG	Foil WK	Foil WB
colour		green		brown
material	silicone foil, standard	silicone foil, GF reinforced	silicone foil, GF reinforced, one side self-adhesive	silicone foil, GF reinforced
material thickness	0.3 mm +0.1/ -0	0.2 mm +0.02/ -0.04		0.15 mm +0.02/ -0.04
thermal resistance	0.4 K/W	0.42 K/W	0.45 K/W	0.34 K/W
hardness	75 IRHD	87 IRHD		92 IRHD
thermal conductivity	1.2 W/m·K	0.9 W/m·K		1.44 W/m·K
temperature range	-40°C... +150°C			
insulation resistance	1·10 ¹³ Ω·m			
elongation	100 %	2 %		
dielectric strength	10 kV	6 kV		3 kV
class of inflammability	UL 94 V-0			

A

Insulating caps

B

C



D

E

F

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K

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art. no.	type	dim. [mm]		
		A	B	C
WSI 220 225	TO 220	22.5	11	5.0
WSI TOP 3 280	TO 3 PL/TO 247	28.0	16	
WSI 220 210	TO 220	21.0	11	
WSI TOP 3 235	TOP 3	23.5	18	
WSI TO 3 PL	TO 3 PL/TO 247	34.0	22	5.5
		Foil WSI 0.3 mm		Foil WSI 0.9 mm
colour		green		
material thickness		0.3 mm +0.1/-0	0.9 mm +0.15/-0.1	
thermal resistance		0.4 K/W	0.96 K/W	
hardness		75 Shore A		
thermal conductivity		1.22 W/m·K		
temperature range		-60°C... +180°C		
insulation resistance		2.9·10 ¹⁵ Ω·cm		
elongation		100 %		
dielectric strength		10 kV	15 kV	
class of inflammability		UL 94 V-0		

