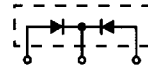


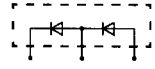
# Gallium Arsenide Schottky Diodes



DGSK...











DGS..



DGSS...


## No reverse recovery

Type	$V_{RRM}$	$I_{DC}$ @ $T_c$	$V_F$ typ. @ $T_{vj} = 25...125^\circ C$	$I_F$	$C_J$	$R_{thJC}$	Fig. No.	Package style
	V	A °C	V	A	pF	K/W		Outline drawings on page 91-100
► New								
DGS 10-015A	150	11 90	0.8	5	22	4.4	4	Fig. 3 <b>TO-220AB</b> Weight = 4 g 
► DGS 10-015AS	150		0.8	5			5a	
► DGS 10-015BS	150	10 90	1.1	5			5a	
► DGS 10-018A	180	11 90	0.8	5		4.4	4	
► DGS 10-018AS	180		0.8	5			5a	
► DGS 10-018BS	180	10 90	1.1	5			5a	
DGS 10-022A	220	9 90	1.2	5	18	4.4	4	Fig. 4 <b>TO-220 AC</b> Weight = 2 g 
DGS 10-025A	250		1.1	5			4	
DGS 20-015A	150	17 90	0.8	7.5	33	3.1	4	
DGS 20-018A	180						5a	Fig. 5a <b>TO-263AB</b> Weight = 2 g 
DGS 20-018AS	180						5a	
DGS 20-022A	220	13 90	1.2	7.5	26	3.1	4	
► DGS 20-022AS	220	9 90				4.4	5a	Fig. 83 <b>ISOPLUS220™</b> Weight = 2 g 
► DGS 20-025A	250	13 90				3.1	4	
► DGS 20-025AS	250	9 90				4.4	5a	
DGSK 20-015A	150	11 90	0.8	5	22	4.4	3	Fig. 5a <b>TO-263AB</b> Weight = 2 g 
DGSK 20-018A	180						3	
► DGSK 20-020AS	200	9 90	1.2	5	18	4.4	5a	
► DGSK 20-022A	220						3	
► DGSK 20-022AS	220						5a	
► DGSK 20-025A	250						3	
► DGSK 20-025AS	250						5a	
DGSK 40-015A	150	17 90	0.8	7.5	33	3.1	3	Fig. 83 <b>ISOPLUS220™</b> Weight = 2 g 
DGSK 40-018A	180						3	
DGSK 40-022A	220	13 90	1.2	7.5	26	3.1	3	Fig. 83 <b>ISOPLUS220™</b> Weight = 2 g 
DGSK 40-025A	250						3	
► DGSS 10-05CC	500	6 90	1.3	7.5	18	5	83	Fig. 83 <b>ISOPLUS220™</b> Weight = 2 g 
► DGSS 20-05CC	500	8.5 90			26	3.7	83	

Data per Diode unless otherwise specified

# Silicon Carbide Diodes

## No reverse recovery

Type	$V_{RRM}$	$I_{DC}$ @ $T_c$	$V_F$ typ. @ $T_{vj} = 25...125^\circ C$	$I_F$	$C_J$	$R_{thJC}$	Fig. No.	Package style
	V	A °C	V	A	pF	K/W		Outline drawings on page 91-100
► New								
► FBS 10-06SC	600	3 90	4	1.7	9	8	84	Fig. 84 <b>ISOPLUS i4-PAC™</b> Weight = 9 g 
► FBS 16-06SC	600	5 90	6	1.5		5.6		

