

Product	Fast Rectifier Diodes	Type	8GFNSC148-0200
Metallization	Top Al(4um) ① Bottom Al/Ti/Ni/Ag(2.6/0.3/0.3/1.0um) ②		
Dimension in millimeters			
	Dimension		
A	1.48-0+0.03		
B	1.06±0.05		
C	0.12±0.03		
D	0.25±0.02		
E	0.04±0.01		
F	0.03±0.02		

Absolute Maximum Ratings (Ta=25°C)

PEAK REVERSE VOLTAGE	VRM .. 200 V	JUNCTION TEMPERATURE	Tj ..125°C
PEAK FORWARD SURGE CURRENT	IFSM50 A	STORAGE TEMPERATURE RANGE	Tstg .. -65~150°C

Electrical Characteristics (sampling 100pcs per 1 lot)

Item	Symbol	Test Condition	Standard
FORWARD VOLTAGE	VF	IF=1.5A	1.3 V (MAX)
REVERSE CURRENT	IR	VR=200V	2μA (MAX)
BREAKDOWN VOLTAGE	BVR	IR=5μA	240V
REVERSE RECOVERY TIME	TRR	RG1	150nsec

Quality Assurance (sampling 50pcs per 1 lot)

Wafer Yield : >90%