Product	Type
Fast Rectifier Diodes	8GFNSC148-0600

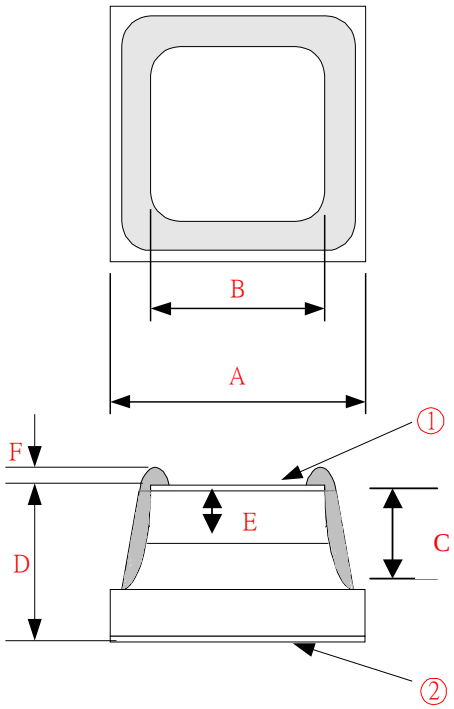
Metallization

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℃)

PEAK REVERSE VOLTAGE VRM .. 600 V JUNCTION TEMPERATURE T_j ..125℃

PEAK FORWARD SURGE CURRENT I_{FSM} ….50 A STORAGE TEMPERATURE RANGE Tstg .. -65~150℃

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=600V	2μA (MAX)
BREAKDOWN VOLTAGE	BVR	IR=5μA	640V
REVERSE RECOVERY TIME	TRR	RG1	250nsec

Quality Assurance (sampling 50pcs per 1 lot)

Wafer Yield：>80%