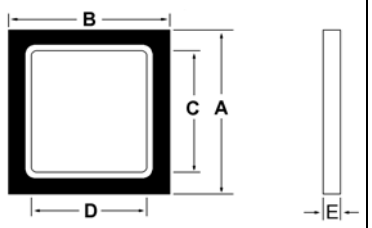
SCHOTTKY RECTIFIER 8A/100V

CHIP STRUCTURE

- Dimensions(A×B): 72×72 mils^2 (1830x1830um^2)
- Bond pad size:
  Active region (C×D): 68.1×68.1mils^2 (1730x1730um^2)
- Thickness(E): 8~12 mils (203~305um)
- Contact Metallization
  Top metal: Silver (AL/Ag)
  Back metal: Silver (Ag)

CHIPS



MAXIMUM RATINGS

Characteristic	Symbol	S08A100	Unit
Peak repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RwM} V_R	100	V
RMS Reverse Voltage	$V_{R(RMS)}$	70	V
Average Rectifier Forward Current	$I_{F(AV)}$	8	A
Operating Junction Temperature	T_j	150	^oC
Storage Temperature	T_{stg}	-65 to +150	^oC

ELECTRICAL CHARATERISTICS (T_C=25℃ unless otherwise notes)

Characteristic	Symbol	Min.	Typ.	Max.	Unit
Maximum Instantaneous Forward Voltage (I_F = 8A)	V_F			0.85	V
Maximum Instantaneous Reverse Current (Rated DC Voltage)	I_R			0.2	mA

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