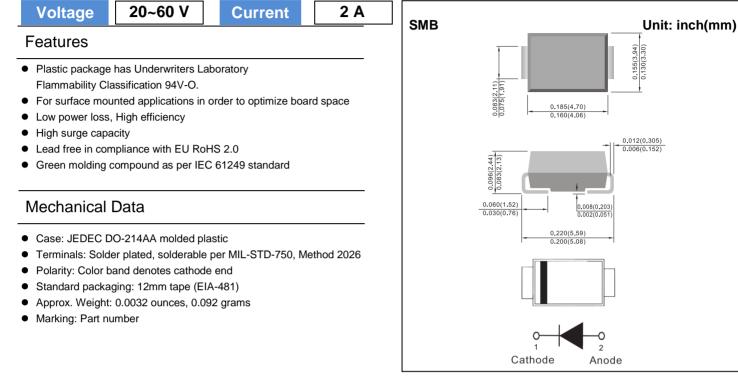
SEMI

PANJ

SURFACE MOUNT SCHOTTKY BARRIER RECTIFIERS



Maximum Ratings ($T_A=25^{\circ}C$ unless otherwise noted)

PARAMETER		SYMBOL	SK22	SK23	SK24	SK25	SK26	UNIT
Maximum repetitive peak reve	kimum repetitive peak reverse voltage		20	30	40	50	60	V
Maximum rms voltage		V _{RMS}	14	21	28	35	42	V
Maximum dc blocking voltage		V _R	20	30	40	50	60	V
Maximum average forward rectified current		I _{F(AV)}	2					А
Peak forward surge current : 8.3ms single half sine- wave superimposed on rated load		I _{FSM}	50					А
Maximum forward voltage at 2A per diode (Note 1)		V _F	0.5 0.7			7	V	
Maximum dc reverse current	TJ=25 ℃		90					μA
at rated dc blocking voltage	TJ=100 °C	I _R	20					
Typical thermal resistance (Note 2)		R _{eJL}	12					°C/W
Operating junction and storage temperature range		T _J ,T _{STG}	-55 to +150					°C

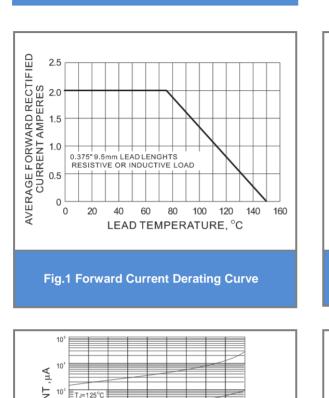
Note :

- 1. Pulse Test with PW=300 μ sec, 1% Duty Cycle
- 2. Mounted on P.C. Board with 8mm² (0.013mm thick) copper pad areas.









TYPICAL CHARACTERISTIC CURVES

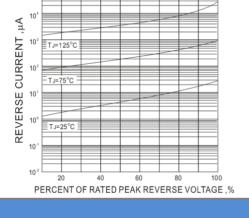
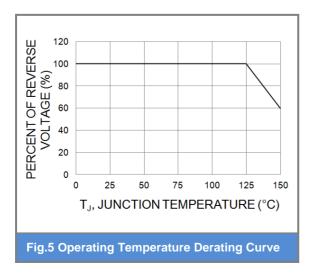
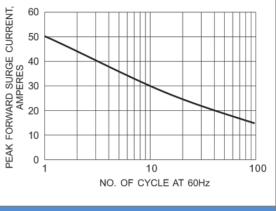
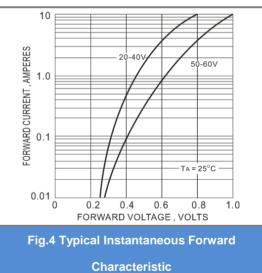


Fig.3 Typical Reverse Characteristics









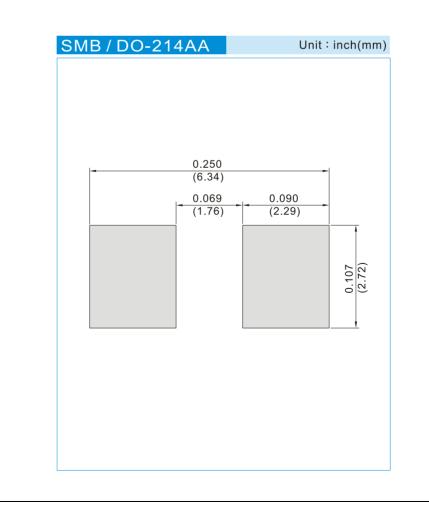




Part No Packing Code Version

Part No Packing Code	Package Type	Packing Type	Marking	Version
SK22_R1_00001	SMB	0.8K pcs / 7" reel	SK22	Halogen free
SK22_R2_00001	SMB	3K pcs / 13" reel	SK22	Halogen free

Mounting Pad Layout







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