



SMB3Z6.8AQ THRU SMB3Z220AQ

Surface Mount Zener Diodes

Features

- Low profile package
- Ideal for automated placement
- Glass passivated chip junction
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C
- Part no. with suffix "Q" means AEC-Q101 qualified

Mechanical Data

- **Package:** DO-214AA (SMB)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end

■Maximum Ratings ($T_a=25$ Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	MAX
DC power dissipation at $T_L = 75$ °C	P_D	W	3.0
Maximum instantaneous forward voltage@ $I_F=200$ mA	V_F	V	1.5
Maximum junction temperature	T_J		-55 to +150

Storage temperature range

T_{stg}

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