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=200mA	V_F	V	1.5
Maximum junction temperature	T_J		-55 to +150
Storage temperature range	T_{stg}		

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