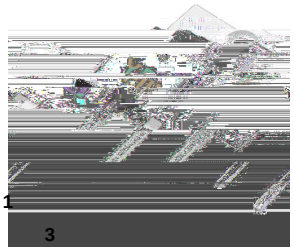
- Glass passivatedchipjunctions
- Low reverse currentoperation
- High Junction Temperature
- Fastrecovery timefor switching
- High Forward Surge Capability
- Lead free in compliance with EU RoHS2011/65/ EU directive



TO-220AC

- Circuit figure: Single positive
- Leads: Solderable per mil-std-202, Method 208
- Polarity:as marked
- Mounting torque:5 in-lbs maximum
- Terminals:Puretin plated

Maximum repetitive reverse voltage		400	600	800	1000	1200	1400	1600	
Maximum RMS voltage		280	420	560	700	840	980	1120	
Maximum DC blocking voltage		400	600	800	1000	1200	1400	1600	
Maximum average forward current		15							
Peak forward surge current,8.3ms single half sine-wave superimposed on rated load		200							
Typical thermal resistance per diode(Note 1)		2.5							
Operating junction temperature range		-55 to +150							
Storage temperature range		-55 to +150							
Maximum forward voltage per leg at 15A		1.2							
Maximum average reverse current T_J=25°C at rated DC blocking voltage T_J=125°C		5 250							
Maximum reverse recovery time(Note 2)		150			250	350			

Notes: 1. Thermal resistance from junction to case.
2. Test conditions: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A.

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