

特性/机械性能:
FEATURES/MECHANICAL DATE

- ◆大电流承受能力. High current capability
- ◆低成本. Low cost
- ◆扩散烧结. Diffused junction
- ◆正向压降低. Low forward voltage drop
- ◆低漏电. Low leakage current
- ◆高浪涌承受能力. High surge current capability
- ◆高温焊接保证: 250°C/10 秒. High temperature soldering guaranteed:250°C for 10 seconds
- ◆封装: 模塑AR/ARS 封装. Case: AR/ARS molded plastic
- ◆端子: 镀锡端子, 可焊接性符合MIL-STD-750,方法2026.
 Terminals: Solder plated, solderable per MIL-STD-750 Method 2026
- ◆极性: 用阴极色带表示. Polarity : indicated by cathode band
- ◆安装位置: 任意. Mounting Position: Any
- ◆重量: 1.8 克. Weight: 1.8 grams (0.07ounce)
- ◆反向重复峰值浪涌电流IRSM=40A/L;
 T=80ms方波 IRSM=30A/M;
 IRSM=20A/H;


极限值和电参数:
MAXIMUM RATINGS AND CHARACTERISTICS

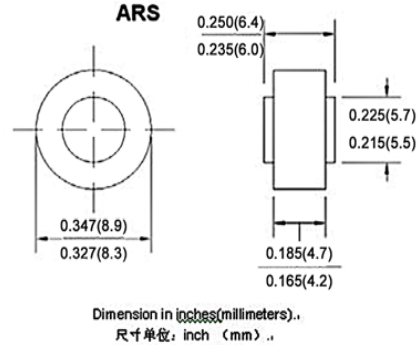
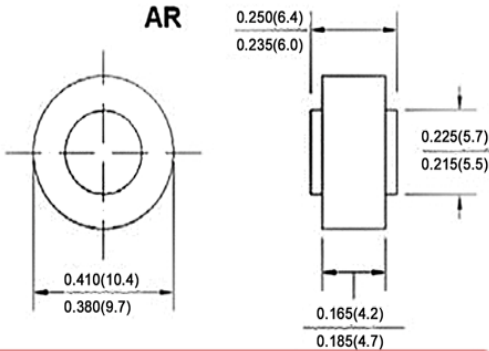
TA= 25°C除非另有规定。单相, 正半弦波, 60HZ, 阻抗或电感负载. 为电容装载, 减少电流的20%。
 Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60HZ, resistive or inductive load. For capacitive load, derate current by 20%

型号TYPE	SYMBOL	ARB/ARSB35L	ARB/ARSB35M	ARB/ARSB35H	UNITS
最大峰值反向电压 Maximum Current Peak Reverse Voltage	VRRM	16	20	28	V
最大反向有效值电压 Working Peak Reverse Voltage	VRMS	16	20	28	V
最大直流截止电压 Maximum DC Blocking Voltage	VDC	16	20	28	V
击穿电压最小值 Breakdown voltage Min@IBR=100mA/TA=25°C	VBRL	20	24	36	V
击穿电压最大值 Breakdown voltage Max@IBR=100mA/TA=25°C	VBRH	26	32	42	V
最大正向平均整流电流Ta=125°C, Maximum Average Forward Rectified Current	IF (AV)	35			A
峰值正向浪涌电流 Peak Forward Surge Current 8.3ms Single Sine-wave on Rated Load (JEDEC Method)	IFSM	400			A
最大瞬间正向电压@100A Maximum Instantaneous Forward Voltage Drop at 100A DC	VF	1.04			V
最大反向直流电流 Ta= 25°C Maximum DC Reverse Current at Rated DCBlocking Voltage Ta=150°C	IR	1.0 100			μ A
工作及储存温度范围 Operating AND Storage Temperature Range	TJ, TSTG	-55~+150			°C

注 释: 在1MHz下测量, 施加4.0V D.C的反向电压. NOTE:Measured at 1 MHz and Applied Reverse Voltage of 4.0 Volts D.C.

产品外形尺寸:

Product appearance size



Dimension in inches (millimeters).
尺寸单位: inch (mm)

特性曲线图:

RATINGS AND CHARACTERISTIC CURVES

FIG. 1 - 最大正向平均电流降额
FIG. 1 - MAXIMUM AVERAGE FORWARD CURRENT DERATING

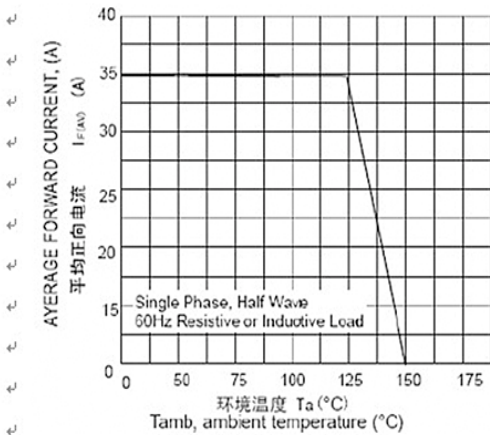


FIG. 2 - 最大非重复正向浪涌电流
FIG. 2 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

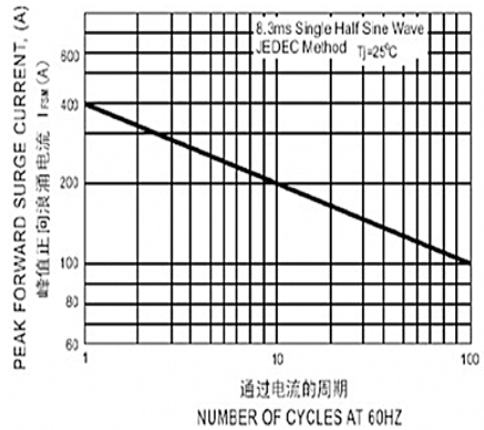


FIG. 3 - 脉冲波形
FIG. 3 - PULSE WAVEFORM

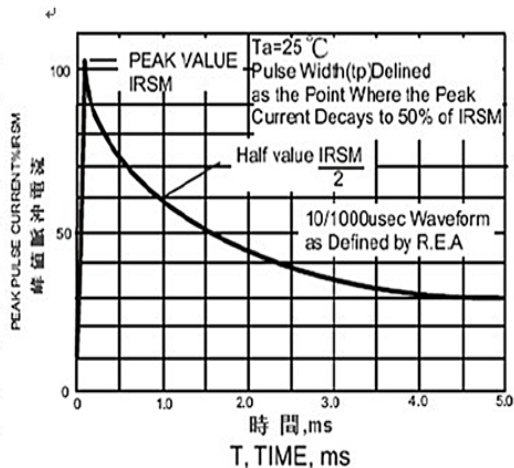


FIG. 4 - 正向特性曲线(典型)
FIG. 4 - TYPICAL FORWARD CHARACTERISTICS

