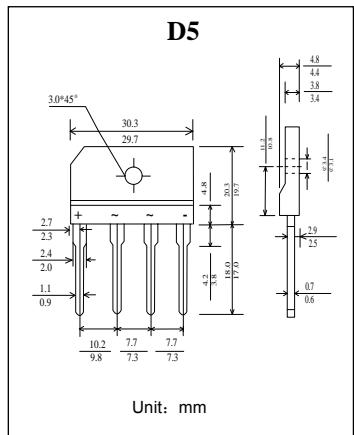


塑封硅整流桥堆
反向电压 200---800V
正向电流 15 A

Single-phase Silicon Bridge Rectifier
Reverse Voltage 200 to 800V
Forward Current 15A



特征 Features

- 反向漏电流低 Low reverse leakage
- 正向浪涌承受能力较强 High forward surge capability
- 浪涌承受能力: 250 A Surge overload rating: 250 Amperes peak
- 引线和管体皆符合RoHS标准 Lead and body according with RoHS standard

机械数据 Mechanical Data

- 封装: 塑料封装 Case: Molded Plastic
- 极性: 标记模压或印于本体 Polarity: Symbols molded or marked on body
- 安装位置: 任意 Mounting Position: Any
- 安装扭距: 推荐值 0.5牛*米 Mounting torque: Recommend 0.5 N*m

极限值和温度特性 TA = 25°C 除非另有规定。

Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

	符号 Symbols	D15SB20	D15SB40	D15SB60	D15SB80	单位 Unit
最大可重复峰值反向电压 Maximum repetitive peak reverse voltage	V _{RRM}	200	400	600	800	V
最大均方根电压 Maximum RMS voltage	V _{RMS}	140	280	420	560	V
最大直流阻断电压 Maximum DC blocking voltage	V _{DC}	200	400	600	800	V
最大正向平均整流电流 TC =100°C Maximum average forward rectified current	I _{F(AV)}	15				A
峰值正向浪涌电流 8.3ms单一正弦半波 Peak forward surge current 8.3 ms single half sine-wave	I _{FSM}	250				A
典型热阻 Typical thermal resistance	R _{θJA}	22				°C/W
工作结温和存储温度 Operating junction and storage temperature range	T _{J, TSTG}	-55--- +150				°C

电特性 TA = 25°C 除非另有规定。

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

	符号 Symbols	D15SB20	D15SB40	D15SB60	D15SB80	单位 Unit
最大正向电压 Maximum forward voltage	I _F = 7.5A	V _F	1.1			V
最大反向电流 Maximum reverse current	TA= 25°C TA = 125°C	I _R	10 500			μA
典型结电容 V _R = 4.0V, f = 1MHz Type junction capacitance	C _j	40			pF	

特性曲线 Characteristic Curves

