



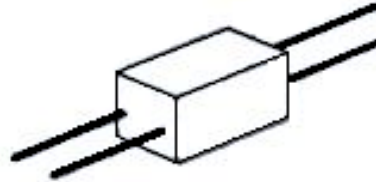
180 Lafayette Road
 North Hampton, NH 03862-2448
 PH: 603-964-3165
 FX: 603-964-3168
 WWW.PDEELECTRONICS.COM

Full Wave Bridge Assembly

Fast Recovery, Single Phase
 SDA676-1 Through SDA676-11

FEATURES

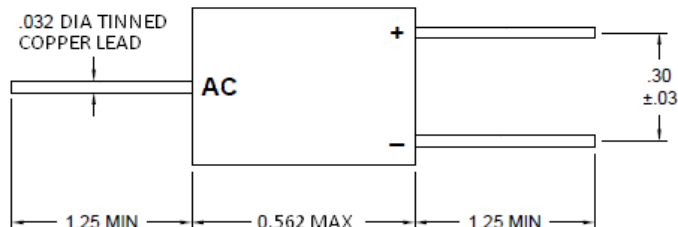
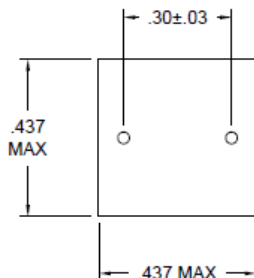
- Miniature Package
- Surge Rating to 20A
- PIV: 100V to 1100V
- Recovery time: 500nS
- Controlled Avalanche Characteristics



ELECTRICAL SPECIFICATIONS						ABSOLUTE MAXIMUM RATINGS		
Device	Working Reverse Voltage V_{RWM} Volt	Leakage Current Per Leg @ V_{RWM}		Forward Voltage Drop Per Leg $V_F @ I_F$		Reverse Recovery Time* nS	Average DC Output Current	Non-Repetitive Sinusoidal Surge 8.3mS
		T_A @25°C	T_A @100°C	Voltage	Amps		Amps T_A @25°C	Amps
SDA676-1	100	3	150	1.1	0.5	500	2.0	20
SDA676-2	200	3	150	1.1	0.5	500	2.0	20
SDA676-3	300	3	150	1.1	0.5	500	2.0	20
SDA676-4	400	3	150	1.1	0.5	500	2.0	20
SDA676-5	500	3	150	1.1	0.5	500	2.0	20
SDA676-6	600	3	150	1.1	0.5	500	2.0	20
SDA676-7	700	3	150	1.1	0.5	500	2.0	20
SDA676-8	800	3	150	1.1	0.5	500	2.0	20
SDA676-9	900	3	150	1.1	0.5	500	2.0	20
SDA676-10	1000	3	150	1.1	0.5	500	2.0	20
SDA676-11	1100	3	150	1.1	0.5	500	2.0	20

* Measured on discretes prior to assembly in reverse recovery circuit switching from 0.5A forward to 1.0A reverse current recovering to 0.25A reverse current.

MECHANICAL



LEAD IDENTIFICATION

Positive Output- Red Dot
 Negative Output- Brown Dot
 AC Input- Yellow Dot

Specifications subject to change without notice to ensure a better product

PD&E Electronics 180 Lafayette Rd. North Hampton, NH 03862
 Ph: (603) 964-3165 Fx: (603) 964-3168 Web: WWW.PDEELECTRONICS.COM