



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

Rectifier Assemblies

Single Phase Bridges, 1.5 Amp
 Standard and Fast Recovery
 673, 676 Series

- FEATURES**
- Miniature Package
 - Surge Ratings: to 25A
 - PIV's: from 100 to 600V
 - Recovery Times: to 500 ns
 - Only Glass Passivated Diodes Used

DESCRIPTION

These miniature transfer-molded single-phase power bridges are designed for universal application in power supplies. One basic bridge assembly comes in a choice of lead configurations for mounting in wired chassis or on printed boards.

ABSOLUTE MAXIMUM RATINGS

Peak Inverse Voltage.....	100 to 600V
Maximum Average D.C. Output Current.....	See Electrical Specifications
Non-Repetitive Sinusoidal Surge (8.3mS).....	See Electrical Specifications
Operating and Storage Temperature Range.....	-65°C to +150°C
Thermal Resistance Junction to Ambient.....	50°C/W

MECHANICAL SPECIFICATIONS

673, 676 SERIES

MARKING:

+	RED DOT
-	GRAY DOT
AC	YELLOW DOT

Typical Weight G: 0.05 ounces

G BODY

673, 676 SERIES

MARKING:

+	RED DOT
-	GRAY DOT
AC	YELLOW DOT

When specifying S body, add suffix S i.e., 673-1S
 Typical Weight S: 0.11 ounces

S BODY



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

Rectifier Assemblies
 Single Phase Bridges, 1.5 Amp
 Standard and Fast Recovery
 673, 676 Series

Type	PIV Per Leg	Maximum Forward Drop Per Leg	Leakage Current Per Leg		Maximum Reverse Recovery Time	Maximum Average D.C. Output Current T _A =25°C	Non-Repitive Sinusoidal Surge (8.3mS)	
			T _A = 25°C	T _A =100°C				
			μA	μA				
	Volts				nS	Amps	Amps	
Standard Recovery	673-1	100	1.1V @ 1.0A	2	100	-	1.5	25
	673-2	200						
	673-3	300						
	673-4	400						
	673-5	500						
	673-6	600						
Fast Recovery	676-1	100	1.1V @ 0.5A	3	150	500	1.0	20
	676-2	200						
	676-3	300						
	676-4	400						
	676-5	500						
	676-6	600						