



新威電子公司
Sun Wai Electronic Company

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SILICON RECTIFIERS

DI-05
8601-5457

3 AMPERE PLASTIC/DO-201AD OUTLINE

The plastic material carries U/L recognition 94V-0.

OPERATING AND STORAGE TEMPERATURE RANGE -65°C to +175°C

Type	PRV	Max Avg Rect Current @ Half-Wave Res Load 60Hz		Max Fwd Peak Surge Current 1 ~ 60Hz Superimposed	Max Reverse Current @ PRV Voltage @ 25°C TA	Max Forward Voltage @ 25°C TA			
		I _o @ TA				I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
		A _{AV}	°C						
	Vpk				μAdc				
GI500	50	3.0	95	100	5.0	9.4	1.1		
GI501	100	3.0	95	100	5.0	9.4	1.1		
GI502	200	3.0	95	100	5.0	9.4	1.1		
GI504	400	3.0	95	100	5.0	9.4	1.1		
GI506	600	3.0	95	100	5.0	9.4	1.1		
GI508	800	3.0	95	100	5.0	9.4	1.1		
GI510	1000	3.0	95	100	5.0	9.4	1.1		
IN5400	50	3.0	105	200	*500	3.0	1.2		
IN5401	100	3.0	105	200	*500	3.0	1.2		
IN5402	200	3.0	105	200	*500	3.0	1.2		
IN5403	300	3.0	105	200	*500	3.0	1.2		
IN5404	400	3.0	105	200	*500	3.0	1.2		
IN5405	500	3.0	105	200	*500	3.0	1.2		
IN5406	600	3.0	105	200	*500	3.0	1.2		
IN5407	800	3.0	105	200	*500	3.0	1.2		
IN5408	1000	3.0	105	200	*500	3.0	1.2		
P300A	50	3.0	100	200	10	3.0	1.2		
P300B	100	3.0	100	200	10	3.0	1.2		
P300D	200	3.0	100	200	10	3.0	1.2		
P300G	400	3.0	100	200	10	3.0	1.2		
P300J	600	3.0	100	200	10	3.0	1.2		
P300K	800	3.0	100	200	10	3.0	1.2		
P300M	1000	3.0	100	200	10	3.0	1.2		

NOTES: * Tested @ TA = 150°C.

DI-05

6 AMPERE PLASTIC/P600 OUTLINE

The plastic material carries U/L recognition 94V-0.

OPERATING AND STORAGE TEMPERATURE RANGE -65°C to +175°C

Type	PRV	Max Avg Rect Current @ Half-Wave Res Load 60Hz		Max Fwd Peak Surge Current 1 ~ 60Hz Superimposed	Max Reverse Current @ PRV Voltage @ 25°C TA	Max Forward Voltage @ 25°C TA			
		I _o @ TA				I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
		A _{AV}	°C						
	Vpk				μAdc				
P600A	50	6.0	60	400	25	6.0	0.9		
P600B	100	6.0	60	400	25	6.0	0.9		
P600D	200	6.0	60	400	25	6.0	0.9		
P600G	400	6.0	60	400	25	6.0	0.9		
P600J	600	6.0	60	400	25	6.0	0.9		
P600K	800	6.0	60	400	25	6.0	1.0		
P600M	1000	6.0	60	400	25	6.0	0.9		
GI750	50	6.0	60	400	25	6.0	0.9		
GI751	100	6.0	60	400	25	6.0	0.9		
GI752	200	6.0	60	400	25	6.0	0.9		
GI754	400	6.0	60	400	25	6.0	0.9		