



# SILICON RECTIFIERS

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

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T <sub>A</sub>	Maximum Forward Voltage @ 25°C T <sub>A</sub>	
	PRV	I <sub>o</sub> @ T <sub>A</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub>	I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	μA <sub>dc</sub>	A <sub>PK</sub>	V <sub>PK</sub>

## 6.0 AMPERE/R-6

6A05	50	6.0	75	400	10	6.0	0.9
6A1	100	6.0	75	400	10	6.0	0.9
6A2	200	6.0	75	400	10	6.0	0.9
6A4	400	6.0	75	400	10	6.0	0.9
6A6	600	6.0	75	400	10	6.0	0.9
6A8	800	6.0	75	400	10	6.0	0.9
6A10	1000	6.0	75	400	10	6.0	0.9

# GLASS PASSIVATED BRIDGE RECTIFIERS

OPERATING/STORAGE TEMPERATURE RANGE -65°C to +150°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T <sub>A</sub>	Maximum Forward Voltage @ 25°C T <sub>A</sub>	
	PRV	I <sub>o</sub> @ T <sub>C</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub>	I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	μA <sub>dc</sub>	A <sub>PK</sub>	V <sub>PK</sub>

## 1.0 AMPERE GLASS PASSIVATED/DF-1



DF005M	50	1.0	40	50	10	1.0	1.1
DF01M	100	1.0	40	50	10	1.0	1.1
DF02M	200	1.0	40	50	10	1.0	1.1
DF04M	400	1.0	40	50	10	1.0	1.1
DF06M	600	1.0	40	50	10	1.0	1.1
DF08M	800	1.0	40	50	10	1.0	1.1
DF10M	1000	1.0	40	50	10	1.0	1.1

## 1.5 AMPERE/GLASS PASSIVATED/KBP



KBP005G	50	1.5	75	40	5	1.5	1.1
KBP01G	100	1.5	75	40	5	1.5	1.1
KBP02G	200	1.5	75	40	5	1.5	1.1
KBP04G	400	1.5	75	40	5	1.5	1.1
KBP06G	600	1.5	75	40	5	1.5	1.1
KBP08G	800	1.5	75	40	5	1.5	1.1
KBP10G	1000	1.5	75	40	5	1.5	1.1

## 2.0 AMPERE/GLASS PASSIVATED/KBP



KBP2005G	50	2.0	65	65	5	2.0	1.1
KBP201G	100	2.0	65	65	5	2.0	1.1
KBP202G	200	2.0	65	65	5	2.0	1.1
KBP204G	400	2.0	65	65	5	2.0	1.1
KBP206G	600	2.0	65	65	5	2.0	1.1
KBP208G	800	2.0	65	65	5	2.0	1.1
KBP210G	1000	2.0	65	65	5	2.0	1.1