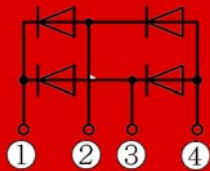




HIGH QUALITY IN YOUR APPLICATION – FOR SURE

Shindengen Electric Manufacturing Company, Ltd. (SEM), is a Tokyo-based world leader in the development and manufacture of high-quality, reliable power conversion products including power semiconductors, custom AC/DC power supplies, DC/DC converters, telecom rectifiers, automotive electronics, and solenoids in the world.

Now we can present a cross reference list for the most popular parts from the competitor products so that you can choose the best quality even for the Single-Phase Bridge Rectifier.



GBJ Series

	Shindengen D25JEB80V	Taiwan Semi TS25P06G-K	Vishay GSIB2580N	Lite-on GBJ25V08
VRRM	800V	800V	800V	800V
IFAV (Max)	25A	25A	25A	25A
IFSM (Max)	350A	350A	350A	600A
VF (Max)	1,05V @IF=12,5A	1,00V @IF=12,5A	1,00V @IF=12,5A	0,94V @IF=12,5A
IR (Max)	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C

GBJ Series

	Shindengen D15JEB80V	Taiwan Semi TS15P06G-K	Vishay GSIB1580N	Lite-on GBJ15V10
VRRM	800V	800V	800V	1000V
IFAV (Max)	15A	15A	15A	15A
IFSM (Max)	200A	240A	200A	400A
VF (Max)	1,10V @IF=7,5A	1,00V @IF=7,5A	1,00V @IF=7,5A	0,92V @IF=7,5A
IR (Max)	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C

GBJ Series

	Shindengen D10JDB80V	Taiwan Semi TS10P06G	Vishay GSIB15A80N	Lite-on GBJ1008
VRRM	800V	800V	800V	800V
IFAV (Max)	10A	10A	15A	10A
IFSM (Max)	120A	200A	200A	170A
VF (Max)	1,10V @IF=5A	1,00V @IF=5A	1,00V @IF=7,5A	1,05V @IF=5A
IR (Max)	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C

GBU8 Series

	Shindengen DeJGB80V	Taiwan Semi GBU406	Vishay G2SBA80	Lite-on GBU408
VRRM	800V	800V	800V	800V
IFAV (Max)	25A	25A	25A	25A
IFSM (Max)	350A	350A	350A	600A
VF (Max)	1,05V @IF=12,5A	1,00V @IF=12,5A	1,00V @IF=12,5A	0,94V @IF=12,5A
IR (Max)	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	10µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C

GBU8 Series

	Shindengen D6JGB80V	Taiwan Semi GBU606	Vishay G5SBA80	Lite-on GBU608
VRRM	800V	800V	800V	800V
IFAV (Max)	6A	6A	6A	6A
IFSM (Max)	150A	175A	150A	175A
VF (Max)	1,00V @IF=3A	1,00V @IF=3A	1,00V @IF=3A	0,94V @IF=3A
IR (Max)	10µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C	5µA @VR=VRM, 25°C



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If you have any questions, please contact us.