

Rectifiers

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TOSHIBA CORPORATION

Semiconductor Company

Discrete Semiconductor Division

5. Product Characteristics

5.1 General-Purpose Rectifiers

► Single

S-FLAT™

Package Appearance		Package Dimensions (mm)		Marking				
Part Number	Package Number (14)	Maximum Ratings			Example CRG01			
		V _{RRM} (V)	I _{F(AV)} (A)	I _{FSM} (A)				
CRG01	100	0.7	15	-40 to 150	-40 to 150	10	1.1	0.7
CRG02	400	0.7	15	-40 to 150	-40 to 150	10	1.1	0.7
CRG03	400	1.0	15	-40 to 150	-40 to 150	10	1.1	0.7
CRG04	600	1.0	15	-40 to 150	-40 to 150	10	1.1	0.7
CRG05	800	1.0	15	-40 to 150	-40 to 150	10	1.1	0.7

M-FLAT™

Package Appearance		Package Dimensions (mm)		Marking				
Part Number	Package Number (15)	Maximum Ratings			Example CMG02			
		V _{RRM} (V)	I _{F(AV)} (A)	I _{FSM} (A)				
*CMC01	400	1.0	30	-40 to 150	-40 to 150	10	1.0	1.0
*CMC02	400	1.0	30	-40 to 150	-40 to 150	10	1.0	1.0
CMG02	400	2.0	80	-40 to 150	-40 to 150	10	1.1	2.0
CMG03	600	2.0	80	-40 to 150	-40 to 150	10	1.1	2.0

*: For strobe discharge circuit

I-FLAT™

Package Appearance		Package Dimensions (mm)		Marking				
Part Number	Package Number (16)	Maximum Ratings			Example UIJC44			
		V _{RRM} (V)	I _{F(AV)} (A)	I _{FSM} (A)				
U1BC44	100	1.0	30	-40 to 150	-40 to 150	10	1.2	1.0
U1GC44	400	1.0	30	-40 to 150	-40 to 150	10	1.2	1.0
*U1GC44S	400	1.0	30	-40 to 150	-40 to 150	10	1.0	1.0
U1JC44	600	1.0	30	-40 to 150	-40 to 150	10	1.2	1.0

*: For strobe charge circuit