


CMG07

General-purpose diode

Description

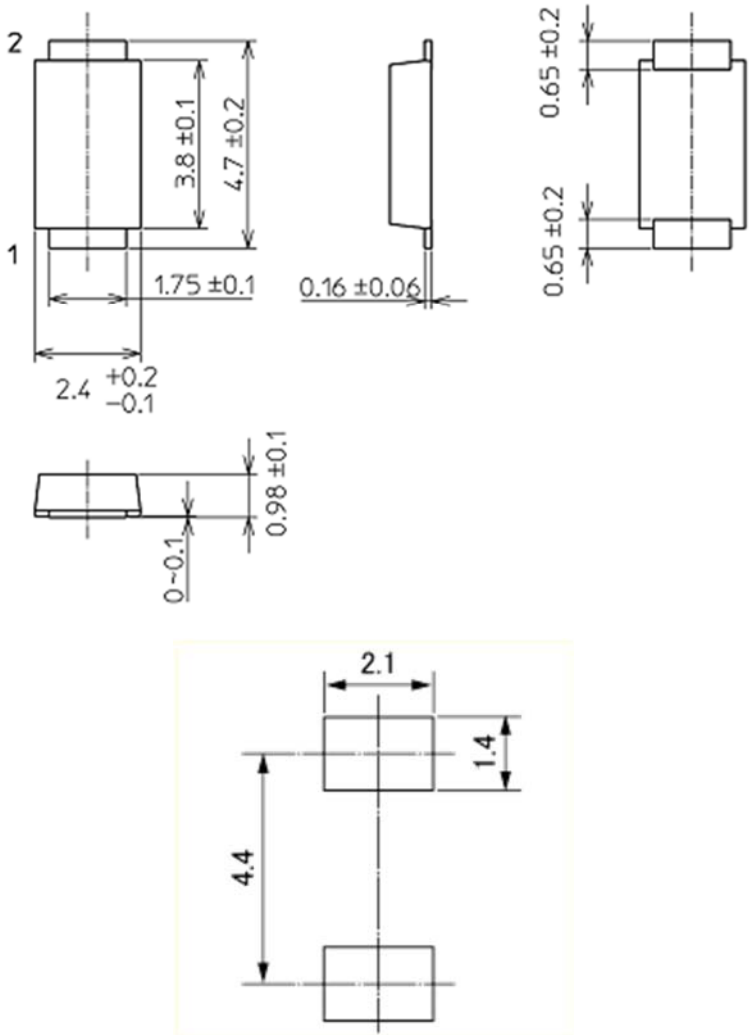
AEC-Q101	Conform(*)
RoHS Compatible Product(s) (#)	Available
Assembly bases	Japan / Malaysia

Package Information

Toshiba Package Name	M-FLAT
Package Image	
Pins	2
Mounting	Surface Mount
Width×Length×Height (mm)	2.4×4.7×0.98
Package Dimensions	View https://toshiba.semicon-storage.com/shared/pkgimage/M-FLAT_pkgdim.gif
Land pattern dimensions	View https://toshiba.semicon-storage.com/shared/pkgimage/M-FLAT_paddim.gif

M-FLAT

In developing your designs, please ensure the datasheet.

Mounting	Surface Mount
Pins	2
Width×Length×Height (mm)	2.4×4.7×0.98
Package Dimensions (mm) / Land pattern dimensions for reference only (mm)	 <p>The technical drawings include:<ul style="list-style-type: none">A top view showing a rectangular package with a width of 2.4 ± 0.2 mm and a length of 4.7 ± 0.2 mm. The distance between the two pins is 3.8 ± 0.1 mm. The distance from the left edge to the first pin is 1.75 ± 0.1 mm. The pin width is 0.16 ± 0.06 mm.A side view showing a height of 0.98 ± 0.1 mm and a pin height of 0.65 ± 0.2 mm.A bottom view showing a distance of $0 \sim 0.1$ mm from the bottom edge to the first pin.A land pattern diagram showing a central square pad with a side length of 2.1 mm and a distance of 4.4 mm between the centers of the two pads. The distance from the center of the top pad to the right edge is 1.4 mm.</p>

Packing Method	Embossed Tape
Packing Name	TE12L
Minimum Quantity	3000 pcs/Reel
Tape Width (mm)	12
Tape Dimensions (mm) / Reel Dimensions (mm)	

Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Average Forward Current (Single)	$I_{F(AV)}$	1	A
Repetitive Peak Reverse Voltage	V_{RRM}	400	V

Notes

- The Part Number column shows representative part numbers only, which may not be available for sale in the precise form shown. Each Part Number constitutes a product family which may contain multiple associated product configurations.
(#) Under the RoHS Compatible Product(s) column, "Available" means at least one RoHS-Compatible product is available for sale in the corresponding product family. "None" means no RoHS Compatible product is available in that product family. For Toshiba's definitions of concepts related to the RoHS Directive and RoHS Compatibility, please click [here](#).
The RoHS compatibility information provided herein is to the best of Toshiba's knowledge and belief accurate as of the date Toshiba entered the information into this database. Information is subject to change at any time without notice.
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- Reliability data are provided for your reference only, please contact your Toshiba sales representative for detailed reliability information about each part number.
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