

**CH20M6 C TP 8089**

Weidmüller Interfaces GmbH &amp; Co. KG

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**Product image****The electronics world in a single slice**

With a width of only 6.1 mm, a wide range of compact applications originates from this electronic development expertise.

The modular housing design supports the engineering with many intelligent features:

- **Maximum freedom of design** with large total surface area (6800 mm<sup>2</sup>) on the PCB – enabling the maximum component assembly with the space-saving form of the reflow-compatible THR terminals.
- **Customised design opportunities** with laser printing and housing colours, individual processing options, variable printing, and easily labelled hinged cover
- **Maximum processing efficiency** with reflow-compatible connection elements for reflow soldering in machine-ready tape packaging.
- **Error-free assembly and solder processes** with optimised frame and connecting adapter shapes on the PCB resulting in a perfect fit and positioning of the connection elements
- **Quick installation** with features such as "Wire Ready" or the all-purpose Multi-Tool screw head

The combination of extensive knowledge from electronics developers and Weidmüller competence - creating innovative synergy for electronics applications.

**General ordering data**

Version	Modular housing, OMNIMATE Housing - series CH20M Transparent, Tilt cover, Width: 6.1 mm
Order No.	<a href="#">1073410000</a>
Type	CH20M6 C TP 8089
GTIN (EAN)	4032248831203
Qty.	50 pc(s).

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## Technical data

### Dimensions and weights

Height	69.8 mm	Height (inches)	2.748 inch
Width	6.1 mm	Width (inches)	0.24 inch
Length	6.75 mm	Length (inches)	0.266 inch
Net weight	0.64 g		

### Temperatures

Operating temperature, min.	-40 °C	Operating temperature, max.	120 °C
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### Component Properties

Marker integrateable	Yes
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### Individualization options

Alternative colours	More on request	Customer specific labelling possible	Yes
Customer specific order process	See guideline under downloads		

### General data

Colour	Transparent	Encapsulation option	No
Protection degree	IP20 in installed state		

### Material data

Comparative Tracking Index (CTI)	175 ≤ CTI < 400	Insulating material	PC
Insulating material group	IIIa	UL 94 flammability rating	V-0

### Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ECLASS 9.0	27-18-27-90
ECLASS 9.1	27-18-27-90	ECLASS 10.0	27-18-27-92
ECLASS 11.0	27-18-27-92	ECLASS 12.0	27-18-27-92

### Approvals

ROHS	Conform
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### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL ANALO.SIGN.CONV. EN</a> <a href="#">MB DEVICE MANUF. EN</a> <a href="#">FL MACHINE SAFETY EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a> <a href="#">PO OMNIMATE EN</a>

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**Drawings**

**Product image**



**Dimensioned drawing** [info@weidmueller.com](mailto:info@weidmueller.com)

