HCS-C MINI 1W C C C 7035 - Electronics housing

2203147

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Handheld housing, C-Mini, light gray, consisting of two half shells with screws, front 1.1 mm recessed with window and keypad slot

Your advantages

- Suitable for handheld devices
- Easy integration of LCD displays and membrane keypads
- Ergonomic straight or staggered housing design
- Fast mounting, thanks to the modular design

Commercial data

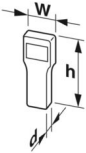|	
Item number	2203147
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377018
Weight per piece (including packing)	86.5 g
Weight per piece (excluding packing)	80.7 g
Customs tariff number	84879090
Country of origin	DE

Technical data

Product properties

Product type	Complete housing
Housing series	HCS
Type	straight
Housing type	Handheld housing
Ventilation openings present	no
Battery compartment	no

Display

Diagonal	2.8 in. (Window for display)
	2 in. / 5 cm (Window for display)

Dimensions

Dimensional drawing	
Width	70.5 mm
Height	110 mm
Depth	26 mm
Dimensions	60.5 mm x 56 mm x 1.1 mm (Recessed area on front)
	44 mm x 23.4 mm (Window for display)
	53.2 mm x 32.6 mm x 2.4 mm (Holder for cover lens)

PCB design

PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	400 ≤ CTI < 600
Insulating material	II
Surface characteristics	untreated
Housing material	ABS

Environmental and real-life conditions

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	80 °C
Test duration	1 h
Force	20

Ambient conditions

Max. IP code to attain	IP54
Ambient temperature (operation)	-40 °C ... 80 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 80 °C
Relative humidity (storage/transport)	95 %

PCB data

Number of PCB holders	2
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Tightening torque / speed	Screw connection between housing halves: 0.25 Nm-0.3 Nm / 500 rpm-1000 rpm

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190102

ETIM

ETIM 9.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

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