ME 22,5 OT-1MSTBO TIGY - Upper housing part

2201258

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Upper housing part

Your advantages

- Tool-free mounting
- Item is from the ME product range
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is possible
- Flammability rating V0 in accordance with UL 94
- Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

Commercial data

Item number	2201258
Packing unit	10 pc
Minimum order quantity	1,000 pc
Note	Made to order (non-returnable)
Product key	ACHAAD
GTIN	4046356839747
Weight per piece (including packing)	17.98 g
Weight per piece (excluding packing)	17.98 g
Country of origin	DE

Technical data

Notes

Assembly note	Please observe the application note in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)

Product properties

Product type	Upper housing part
Housing type	DIN rail housing
Product family	ME..OT-1MSTBO
Number of positions	3
	5
Max. number of positions	5 (pitch: 3.5 mm)
	4 (pitch: 5 mm)
	3 (pitch: 7.25 mm)
Number of rows	1
Ventilation openings present	no

Dimensions

Width	22.6 mm
Height	99 mm
Depth	45.85 mm
Depth from base support surface	38.5 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color	iron gray (RAL 7011)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	PA

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

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	125 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Frequency	10

Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

PCB data

Number of PCB holders	1
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Latching with lower housing part

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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