

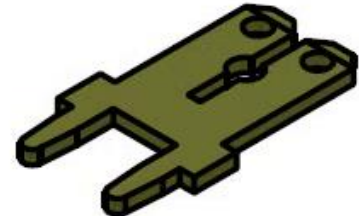
PRODUCT DATA SHEET

03866c.68

PCB mounting tabs solderable – 03866 C Ms sn magaziniert

This 6.3 mm solderable tabs can be used for PCBs.

The tab 03866c.68 is made of CuZn37. CuZn37 is a solid solution strengthened copper alloy (brass) with 37% zinc. CuZn37 can be brazed and soldered, welding processes need to be executed with care, due to the high zinc content.



Product Overview

SKU	03866c.68
Part description	P.C.B.mounting tabs
Part designation	03866 C Ms sn stored on magazine
Packing unit	2000 pcs. (1 bunch with 10 magazines, each has 200 pieces)
Net weight kg/1000	0.439

Material

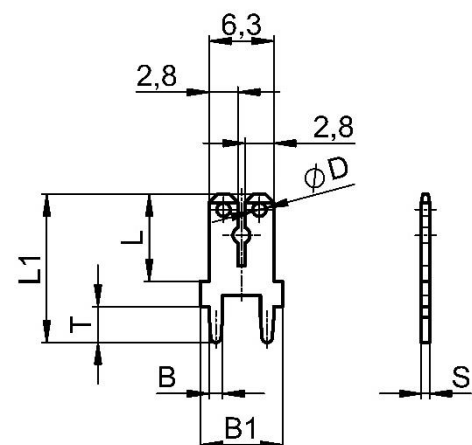
Component	Brass (CuZn37 CW508L R480/F44)
Surface	Pure tin-plated (2-4 µm Ni + 4-6 µm Sn)

Certificates

RoHS	compliant
REACH	compliant
Conflict Minerals DRC	compliant

Dimension

A [mm]	5
B [mm]	1.3
B1 [mm]	8
B2 [mm]	6.3
ØD [mm]	1.3
L [mm]	8.5
L1 [mm]	14.5
S [mm]	0.8
T [mm]	3.5
P.C.B. hole-Ø [mm]	1.3



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Material composition – base material

CuZn37		
Main components		
Shortcut	Designation	Proportion [%]
Cu	Copper	62.0 - 64.0
Zn	Zinc	rest
Permitted admixtures		
Shortcut	Designation	Proportion [%]
Ni	Nickel	0.3
Fe	Iron	0.1
Pb	Lead	0.1
Sn	Tin	0.1
Al	Aluminum	0.05
other		0.1

Fabrication properties – base material

CuZn37	
Cold formability	excellent
Hot formability	not recommended
Soldering	excellent
Brazing	excellent
Oxyacetylene welding	fair
Gas shielded arc welding	fair
Resistance welding	good
Machinability	fair

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This leaflet is for general information about the base material only and is not subject to revision.

The data given are no warranty that the product is of a specified quality and they can not replace customer's own test and expert advice regarding the application of the manufactured component.