

PRODUCT DATA SHEET

03866a.61

PCB mounting tabs solderable – 03866 A Ms ag magazinier

This 6.3 mm solderable tabs can be used for PCBs.

The tab 03866a.61 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	03866a.61
Part description	P.C.B.mounting tabs (in a magazine)
Part designation	03866 A Ms ag magazinier
Packing unit	2000 pcs. (1 bunch with 10 magazines, each has 200 pieces)
Net weight kg/1000	0.462

Material

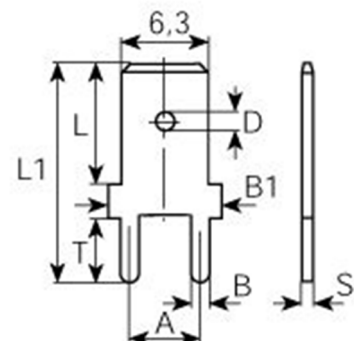
Component	Brass (CuZn37 F45)
Surface	Target value: Cu 0.5 µm + Ag 1.5 µm (Tolerance: Cu 0.4-1.0 µm + Ag 1.5-6.0 µm Ag)

Certificates

RoHS	compliant
REACH	compliant

Dimension

A [mm]	5
B [mm]	1.3
B1 [mm]	8
B2 [mm]	6.3
ØD [mm]	1.65
L [mm]	8
L1 [mm]	14.2
S [mm]	0.8
T [mm]	3.6
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.