

PRODUCT DATE SHEET

1002 N Ms sn

Soldering lugs for PCB – 1002 N Ms sn



Product Overview

SKU	1002n.68
Part description	Soldering lugs for PCB
Part designation	1002 N Ms sn
Net weight kg/1000	0.110

Material

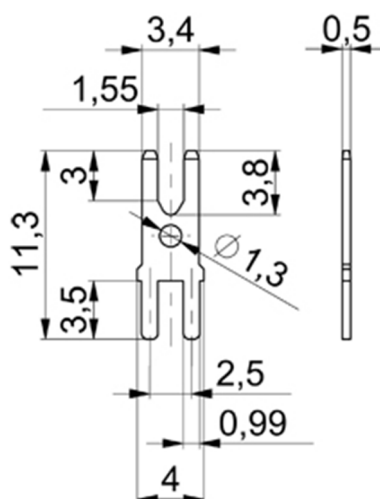
Component	Brass (CuZn37 F55)
Surface	tin-plated (2-5 µm Ni + 4-7 µm Sn)

Certificates

RoHS	compliant
REACH	compliant
Conflict Minerals DRC	compliant

Dimension

PCB hole-ø [mm]	1.1
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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

Physical properties – base material

CuZn37		
Meltingpoint	[C°]	920
Density	[g/cm ³]	8.4
c _p @ 20°C	[kJ/kgK]	0.377
Electrical cond.	[MS/m]	≥ 16
Thermal cond.	[W/mK]	116
Young's modulus	[GPa]	110
α @20°C	[10 ⁻⁶ /K]	20.5

The specified conductivity applies to the soft condition only.

c_p specific heat capacity.

α coefficient of thermal expansion.

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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.