

New !!!

# SMD wideband choke with extra metallization



## Excellent performance

FERROXCUBE now offers the extensively used SMD wideband choke with an extra Cu/Sn based metallization layer.

The present SMD metallized design preserves the excellent properties and improves the reliability of the original SMD wideband choke.

## Features

- Outperforming ferrite material
- Large soldering area, still side by side mounting possible
- Very thin metallization
- Reflow soldering with SnAgCu solderpaste

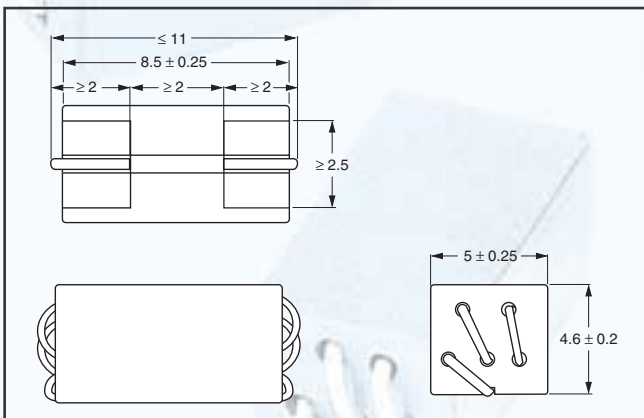
- Ready for SMD automatic mounting
- Higher robustness than traditional metallization
- Able to stand the toughest life and mechanical on-board tests (automotive)

strip material	copper (Cu), tin-lead (SnPb) plated, lead-free (Sn) plated available	
metallization	copper-tin (CuSn)	
Solderability	IEC 60068-2-58, part 2, test Ta, method I	
Mass	≈ 0.9 g	
Taping method	IEC 60286-3 and EIA 481-2	

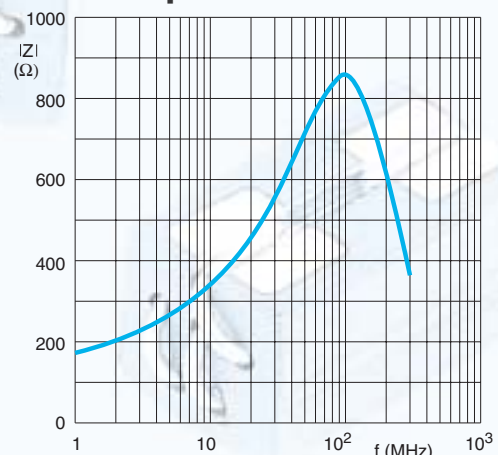
$ Z_{typ} ^{(1)}$ ( $\Omega$ )	at f (MHz)
485	25
850	100
350	300

(1) Typical values,  $|Z|_{min}$  is -20 %

## Mechanical dimensions



## Impedance curve



WBSM2.5-5/4.8/10-4B1