

Technical data sheet for Z+F ferrules

The materials of the ferrules produced by Zoller+Fröhlich GmbH, Germany can be characterized as follows:

- Production: "Made in Germany"
- Dangerous articles: substance components are not classified as dangerous for human beings (see description of components)
- Components:
insulation sleeve polypropylene (UL-File No. E111275)
copper tube copper (E-Cu 57), tin-plated
tin-plating pure tin, without lead (Pb)
- Substance components:
halogen halogenfree
chlorinated solvents no
non-chlorinated solvents no
alcohols / fluxes no
resins / rosins no
german silicon no
english silicon (Silicium, Si) 10 ppm
others see polypropylene (on request)
- Haz materials:
mercury no
cadmium no
chrome VI no
krypton no
pvc no
PBB no
PBDE no
OBDE no
- Temperature rating: heat resistant up to 105° C
- Standards:
 - DIN / VDE 46228 part 4
 - CSA/ANSI-UL, CSA-US certificate no. 1176867
 - Restriction of hazardous materials in electrical and electronical products (VDA-list).
 - ROHS and WEEE directives, 2002/96/EC, 2002/95/EC and 2003/11/EC

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Managing Director

