



Issue Date: April 25, 2025

I-PEX Inc.  
Connectors Div.  
Quality Assurance Dept.  
Manabu Tadayasu

## Certificate of Halogen-Free and Non-use of Red Phosphorus

I-PEX Inc. warrants that the product conforms to Halogen-Free and does not contain Red phosphorus.

MHF\_4

Certified Part Number

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20448-001R-081	20449-001E	20449-001E-03	20611-001R
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➤ **Halogen-Free Substances and Threshold Levels**

Bromine (Br)	<900ppm
Chlorine (Cl)	<900ppm
Bromine (Br) + Chlorine (Cl)	<1500ppm