



Issue Date: July 1, 2022

I-PEX Inc.

Electronic Components & Devices Div,
Quality Assurance Department

Approved by	Prepared by
M. Tadayasu	A. Watanabe

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

20448-001R-081	20449-001E	20449-001E-00	20449-001E-01	20449-001E-02	20449-001E-03
20449-001E-04	20449-001E-05	20449-001E-06	20462-001E	20462-001E-01	20611-001R

➤ **Halogen-Free Substances and Threshold Levels**

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