



Issue Date: July 3, 2024

I-PEX Inc.
Electronic Components & Devices Div,
Quality Assurance Department

Approved by	Prepared by
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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.

CABLINE-VS

Certified Part Number

20454-020T	20454-030T	20454-040T	20454-050T-01	20454-130T	20454-140T
20454-220T	20454-230T	20454-240T	20454-250T-01	20454-330T	20454-340T
20454-350T-01	20455-020E-01	20455-020E-02	20455-020E-11	20455-020E-12	20455-020E-32
20455-030E-01	20455-030E-02	20455-030E-11	20455-030E-12	20455-030E-14	20455-030E-66
20455-030E-76	20455-030E-89	20455-030E-99	20455-040E-01	20455-040E-02	20455-040E-02R
20455-040E-11	20455-040E-12	20455-040E-12L	20455-040E-12R	20455-040E-14	20455-040E-66
20455-040E-76	20455-040E-89	20455-040E-99	20455-050E-02	20455-050E-12	20455-050E-22
20455-050E-32	20455-050E-66	20455-050E-66D	20455-050E-68D	20455-050E-76	20455-050E-76D
20455-050E-89	20455-050E-99	20455-A20E-02	20455-A20E-12	20455-A20E-32	20455-A20E-66
20455-A20E-76	20455-A20E-89	20455-A20E-92	20455-A20E-99	20491-030T	20491-040T
20547-020T-01	20547-030T-01	20547-040T-01	20705-020T	20705-030T	20705-040T
20705-050T	20705-050T-01	20765-030E-11	20765-030E-11A	20765-040E-11	20765-040E-11A
20765-050E-11	20765-A20E-11	20959-040E-99	2574-020	2574-0201	2574-0202
2574-0203	2574-030	2574-0303	2574-040	2574-0403	2574-050
2574-0503	2574-120	2574-1203	2574-130	2574-1303	2574-140
2574-1403	2574-150	2574-1503	2576-050-00	2576-120-00	2576-130-00
2576-140-00	2576-150-00	2657-130	2657-140	2699-040	2699-040L
2699-140	2699-140L	3241-020	3241-030	3241-040	3241-050
3241-120	3241-130	3241-140	3241-150		

➤ Halogen-Free Substances and Threshold Levels

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

Bromine (Br) + Chlorine (Cl)

<1500ppm