

Dear Customers,

Industrial Solutions Company
Panasonic Corporation

Report of Confirmation of EU REACH 23rd SVHC

Confirmed date: August 31, 2020

Industrial Solutions Company, Panasonic Corporation ("we") hereby report that, based on the information provided by our suppliers and the information on parts/materials used in those products, the products below do not contain any of the 209 Substances of Very High Concern (SVHC) listed on the candidate list updated on June 25, 2020 by the European Chemical Agency (ECHA) above concentration of 0.1wt%.

Product Name : Small & High Power Chip Resistors
Series Name : Anti-Pulse High Power Thick Film Chip Resistors

(*1) We state "do not contain SVHC" in this letter when certain SVHC is present in Applicable Products in concentration equal to or below 0.1wt % based upon the calculation, subject to (i) the information of SVHC provided by our supplier and (ii) the information of parts/materials used in Applicable Products. We update this report if we obtain information newly.

(*2) The view of the Electronic Components Industry is that "diboron trioxide (B_2O_3)", or "lead oxide (PbO , Pb_3O_4)" in glass or ceramics are not Substances of Very High Concern. The industry also has the view that "complex oxides containing lead (lead titanium trioxide [$PbTiO_3$], lead titanium zirconium oxide [$(Pb_x Ti_y Zr_z)O_3$])" in ceramics are not Substance of Very High Concern (SVHC). For more details, refer to JEITA's position statements (24JEITA #207, #247, and #248).

URL: <http://home.jeita.or.jp/ecb/ceramic.html>


[Signature] _____

Responsible Person: Masashige Ashizaki

Deputy Manager, Environment Management Section, Quality
Planning Department, Device Solutions Business Division
of Industrial Solutions Company, Panasonic Corporation

Product Name : Small & High Power Chip Resistors
Series Name : Anti-Pulse High Power Thick Film Chip Resistors
Part Number : ERJxxxxxxx

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