



RoHS Product Addendum

SynQor RoHS Product Information

RoHS COMPLIANCE

The EU led RoHS (Restriction of Hazardous Substances) Directive bans the use of Lead, Cadmium, Hexavalent Chromium, Mercury, Polybrominated Biphenyls (PBB), and Polybrominated Diphenyl Ether (PBDE) in Electrical and Electronic Equipment. SynQor products that have the "-G" suffix are fully 6/6 RoHS compliant while those without the suffix are 5/6 RoHS compliant and may contain lead. For more information visit our [RoHS Compliance / Lead Free Initiative](#) web page or e-mail us at rohs@synqor.com.

QUALIFIED LEAD-FREE MATERIALS

SynQor has fully qualified the following materials that are used in SynQor's lead-free, RoHS compliant product:

- PWB Finish: ENIG
- Solder & Solder Paste: No Clean SAC 305 Lead-Free Alloy, exceeds Telcordia GR78-CORE requirements for SIR and electromigration.
- Pins: Solder finish is Matte Tin over Ni under-plating (mitigates tin whisker growth).

MANUFACTURING WITH ROHS PRODUCT

Both 5/6 and 6/6 RoHS compliant SynQor parts can be used in lead-free wave solder and selective solder processes at solder temperatures not exceeding 265° C for 10 seconds.

Both 5/6 and 6/6 RoHS compliant SMT SynQor products are compatible with lead-free reflow processing, not to exceed 240° C for 10 seconds per IPC and NEMI guidelines. RoHS compliant through-hole products are compatible with the lead-free reflow process of 240° C for 10 seconds.

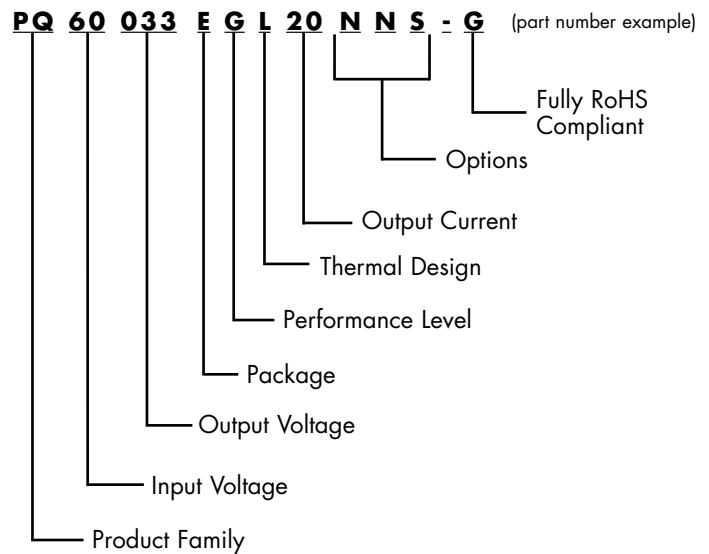
Base-plated parts may not be reflowed under any circumstance, regardless of their RoHS compliance status. Refer to Base-plate Soldering and Aqueous Cleaning product advisory for further details.

Contact SynQor for further information:

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PART NUMBERING SYSTEM

This nomenclature is used to order SynQor RoHS compliant products and covers SynQor's PowerQor, DualQor, BusQor & NiQor product families. The part numbering system for SynQor's RoHS compliant DC/DC converters follows the format shown in the example below.



A suffix of the two characters "-G" defines the module as a fully RoHS compliant device (6/6 RoHS compliance). The first 15 characters are not affected and retain SynQor's standard nomenclature structure.

Warranty

SynQor offers a three (3) year limited warranty. Complete warranty information is listed on our [website](#) or is available upon request from SynQor.

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