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## **TOPICS**

- 1.) Certificate of Conformance to RoHS Material Restrictions
- 2.) Lead (Pb) Exemptions, as allowed by EU RoHS Directive, by NIC Product Series

Please be advised all NIC products showing the part number suffix "F" (see product series table on pages 2~4) meet the EU Directive 2002/95/EC "RoHS" covering Restriction of Use of Certain Hazardous Substances. Maximum concentration values (MCV) define the maximum amount of an individual restricted substance (per the EU RoHS directive) within each homogeneous material\* that compose the component.

RoHS RESTRICTED MATERIALS:		
Substance	RoHS LIMIT: MCV - Maximum Concentration Values	
1. Lead (Pb)	< 0.10% = < 1000 PPM	
2. Mercury (Hg)	< 0.10% = < 1,000PPM	
3. Hexavalent Chromium (Cr VI)	< 0.10% = < 1,000PPM	
4. Cadmium (Cd)	< 0.01% = < 100 PPM	
5. Polybrominated Biphenyls (PBB)	< 0.10% = < 1,000PPM	
6. Polybrominated Diphenyl Ethers (PBDE)	< 0.10% = < 1,000PPM	

<sup>\* -</sup> Homogeneous materials are defined as materials that cannot be mechanically disjointed into different materials and are "of uniform composition throughout" Types include: liquids, plastics, ceramics, glass, metals, alloys, paper, resins and coatings.

## We hereby certify all NIC part numbers ending in "F" suffix (NxxxxxxxxF) are RoHS Compliant

Lead (Pb) material exemptions, as allowed within EU RoHS Directive, are listed for each NIC product series on pages  $2 \sim 5$  attached.

For technical assistance on all matters relating to RoHS, please contact NIC at: rohs@niccomp.com

SIGNED: \_\_\_\_\_ Jim Wright, TPMG - NIC Components Corp.

In addition to the above RoHS restricted materials, the NIC product series listed on pages  $2\sim 5$  **do not contain**: Chlorinated organic compounds, Polychlorinated biphenyls (PCB), Polychlorinated naphthalenes (PCN), Chlorinated paraffins (CP), Mirex (Perchlordecone) nor other chlorinated organic compounds, Tetrabromobisphenol-A-bis-(2, 3-dibromopropylether) (TBBP-A-bis) nor other brominated organic compounds, Tributyl tin compounds, Triphenyl tin compounds, Asbestos, Azo compounds, nor Formaldehyde

(Subject to Change)

NIC Series	RoHS Exemptions
NACCF	No Exemptions
NACEF	No Exemptions
NACENF	No Exemptions
NACEWF NACHF	No Exemptions
NACKF	No Exemptions
NACLF	No Exemptions
	No Exemptions
NACNWF	No Exemptions
NACPF	No Exemptions
NACSF	No Exemptions
NACTF	No Exemptions
NACVF	No Exemptions
NACVFF	No Exemptions
NACXF	No Exemptions
NACYF	No Exemptions
NACZF	No Exemptions
NACZFF	No Exemptions
NAMF	No Exemptions
NAPF	No Exemptions
NCAF	No Exemptions
NCBF	No Exemptions
NCB-HF	No Exemptions
NCCF	No Exemptions
NCDF	No Exemptions
NCFF	No Exemptions
NCMF	#7c - Lead in electronics ceramic parts (e.g. Piezoelectronic devices)
NCMAF	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by weight or more lead.
NCSPF	No Exemptions
NCSRF	No Exemptions
NCSTF	No Exemptions
NCSWF	No Exemptions
NCTF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NDTMF	No Exemptions
NEMF	No Exemptions
NEXAF	No Exemptions
NEXCF	No Exemptions
NEXGF	No Exemptions
NEXMF	No Exemptions
NEXSF	No Exemptions

NIC Series	RoHS Exemptions
NEXTF	No Exemptions
NFAF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NFIF	No Exemptions
	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by
NIN-FAF	weight or more lead.
NIN-FBF	No Exemptions
NIN-FCF	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by weight or more lead.
NIN-NF	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by weight or more lead.
NIN-PF	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by weight or more lead.
NIN-HF	No Exemptions
NISF	No Exemptions
NLEF	No Exemptions
NLE-LF	No Exemptions
NLE-SF	No Exemptions
NLQF	No Exemptions
NMCxxxxNPOF	#7c - Lead in electronics ceramic parts (e.g. Piezoelectronic devices)
NMCxxxxX5RF	No Exemptions
NMCxxxxX7RF	No Exemptions
NMCxxxxY5VF	No Exemptions
NMC-HF	#7c - Lead in electronics ceramic parts (e.g. Piezoelectronic devices)
NMC-LF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NMC-MF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NMLF	No Exemptions
	No Exemptions
NMOF	No Exemptions
NMOF NMRF	
	No Exemptions
NMRF	No Exemptions  No Exemptions
NMRF NNRF	No Exemptions No Exemptions No Exemptions
NMRF NNRF NPCF	No Exemptions  No Exemptions  No Exemptions  No Exemptions
NMRF  NNRF  NPCF  NPI_CF	No Exemptions  No Exemptions  No Exemptions  No Exemptions  No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF	No Exemptions No Exemptions No Exemptions No Exemptions No Exemptions No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF  NPI_TF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF  NPI_TF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF  NPI_TF  NPI_WF  NPIS_DF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF  NPI_TF  NPI_WF  NPIS_DF  NPIS_FF	No Exemptions
NMRF  NNRF  NPCF  NPI_CF  NPI_LF  NPI_PF  NPI_SF  NPI_TF  NPI_WF  NPIS_DF  NPIS_FF  NPIS_HF	No Exemptions  No Exemptions

NIC Series	RoHS Exemptions
NPRMF	No Exemptions
NPTMF	No Exemptions
NPXF	No Exemptions
NRBXF	No Exemptions
NRCF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NRCEF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
1	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NRDF	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by
	weight or more lead.
NRE-HF	No Exemptions
NRE-HLF	No Exemptions
NRE-HWF	No Exemptions
NRELF	No Exemptions
NRE-LSF	No Exemptions
NRE-LWF	No Exemptions
NRE-SF	No Exemptions
NRE-SNF	No Exemptions
NRE-SWF	No Exemptions
NRE-SXF	No Exemptions
NRE-WBF	No Exemptions
NRE-WXF	No Exemptions
NRGBF	No Exemptions
NRLFF	No Exemptions
NRLFWF	No Exemptions
NRLMF	No Exemptions
NRLMWF	No Exemptions
NRLRF	No Exemptions
NRLRWF	No Exemptions
NRMF	No Exemptions
NRM-SF	No Exemptions
NRNF	No Exemptions
NRPF	No Exemptions
NRSAF	No Exemptions
NRSGF	No Exemptions
NRSHF	No Exemptions
NRSJF	No Exemptions
NRSKF	No Exemptions
NRSNF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NRSSF	No Exemptions
NRSXF	No Exemptions
NRSYF	No Exemptions

NIC Series	RoHS Exemptions
NRSZF	No Exemptions
NRSZCF	No Exemptions
NRWAF	No Exemptions
NRWPF	No Exemptions
NRWSF	No Exemptions
NRWXF	No Exemptions
NRWYF	No Exemptions
NSDF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
	#7a - Lead in high melting temperature solders (i.e. lead based solder alloys containing 85% by weight or more lead.
NSFCF	No Exemptions
NSHCF	No Exemptions
NSPF	No Exemptions
NSPCF	No Exemptions
NSPEF	No Exemptions
NSPUF	No Exemptions
NSRF	No Exemptions
NSRNF	No Exemptions
NSRWF	No Exemptions
NSRZF	No Exemptions
NSTLF	No Exemptions
NSTLWF	No Exemptions
NSWCF	No Exemptions
NTC-LF	No Exemptions
NTC-TF	No Exemptions
NTLF	No Exemptions
NTMF	No Exemptions
NTPF	No Exemptions
NTRF	No Exemptions
NVSF	#5 - Lead in glass of cathode ray tubes, electronics components and fluorescent tubes.
NZOF	No Exemptions