



National Electronic Distributors Association

Lead-Free/RoHS Product Information Worksheet



Directive EU 2002/95/EC			SOLDER PROFILE				CHEMICAL COMPOSITION	MANUFACTURER'S NOTES	Revision
Scheduled Transition (Datecode: YYYY)	Actual Transition (Datecode: YYYY)	Please describe Package Labeling Method Identifying RoHS Compliance per EU 2002/95/EC.	Maximum Safe Temperature (degrees C)	Max Dwell Time in seconds	Component is backward compatible into PB solder processes using Manufacturer's specified solder profiles ? (Y/N)	Part Qualification Link	Link for Chemical Content Declaration (e.g. IPC-1752 Joint Industry Guide or IMDS Data Sheet or AIAG ELV Spreadsheet)	Additional Information	Last Supplier Revision Date
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, EPOXY BOX CASE, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, EPOXY BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, EPOXY BOX CASE, FASTON M-SPADE TERMS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER FILM & FOIL, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER FILM & FOIL, EPOXY BOX CASE, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER FILM & FOIL, EPOXY BOX CASE, RADIAL LEAD WIRES	5/12/2006
NOTE 3	NOTE 3	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER & KRAFT FILM & FOIL, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER & KRAFT FILM, HERMETIC, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYCARBONATE FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYCARBONATE FILM, EPOXY BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYCARBONATE FILM, EPOXY BOX CASE, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; COMBINATION FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
NOTE 3	NOTE 3	"RoHS Compliant" symbol & text	NA	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, EPOXY BOX CASE, TAB/LUG TERMS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, EPOXY BOX CASE, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, EPOXY BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, EPOXY BOX CASE, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, EPOXY BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, EPOXY BOX CASE, FASTON M-SPADE TERMS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	RC NETWORK; EPOXY BOX CASE, STRANDED MTW WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY BOX CASE, RADIAL SOLID WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY BOX CASE, RADIAL STRANDED MTW WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY BOX CASE, STRANDED MTW WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; DIN-RAIL PLASTIC CASE, SCREW TERMINALS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY BOX CASE, STRANDED MTW WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY BOX CASE, STRANDED MTW WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA	NA	NA	NO	NO	RC NETWORK; EPOXY-DIPPED, RADIAL SOLID WIRE LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	NA	NO	NO	LEADS	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, EPOXY-DIPPED, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; METALLIZED POLYESTER FILM, PLASTIC BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER FILM & FOIL, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/125C	NA	Y	NO	NO	CAP; POLYESTER FILM & FOIL, EPOXY-DIPPED, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, EPOXY-DIPPED, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; METALLIZED POLYPROPYLENE FILM, PLASTIC BOX CASE, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, TAPE WRAP & FILL, AXIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, EPOXY-DIPPED, RADIAL LEAD WIRES	5/12/2006
0539	0540	"RoHS Compliant" symbol & text	NA/105C	NA	Y	NO	NO	CAP; POLYPROPYLENE FILM & FOIL, PLASTIC BOX CASE, RADIAL LEAD WIRES	5/12/2006

Worksheet Instructions

PB PART NUMBER [Parts Containing MORE THAN 0.1% Lead or parts that do not have Pb Free 2nd Level Interconnections]	Discontinuation Date (Datecode: YYYY)	PB FREE PART NUMBER [Parts Containing LESS THAN 0.1% Lead or parts that have Pb Free 2nd Level Interconnections] If no Pb Free part will be offered, please type "none"	Is Part Number Changing for Pb Free Parts? [Y/N]
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Scheduled Transition (Datecode: YYYY)	Actual Transition (Datecode: YYYY)	How will Pb Free parts packaging be Labeled? (e.g. JESD-97 or IPC-1066 or Pb Free Symbol)	Can you identify Pb Free parts on Packing list as Pb Free?	What is the Lead Finish Category? [per JESD97 or IPC-1066]	Please Indicate Moisture Sensitivity Level [IPC/JEDEC J-STD-020]
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Directive EU 2002/95/EC Is the Pb Free Termination Part RoHS Compliant per EU 2002/95/EC? [Y/N] [if exempt, please identify basis in Additional Information Column]	Link to RoHS Declaration (IPC-1752 Format)	Scheduled Transition (Datecode: YYYY)	Actual Transition (Datecode: YYYY)	Directive EU 2002/95/EC Please describe Package Labeling Method identifying RoHS Compliance per EU 2002/95/EC.
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SOLDER PROFILE	
Maximum Safe Temperature (degrees C)	Part Qualification Link
Max Dwell Time in seconds Component is backward compatible into Pb solder processes using Manufacturer specified solder profiles? (Y/N)	

CHEMICAL COMPOSITION	MANUFACTURER'S NOTES	Revision
Link for Chemical Content Declaration (e.g. IPC-1752 Joint Industry Guide or IMDS Data Sheet or AIAG ELY Spreadsheet)	Additional Information	Last Supplier Revision Date

Step 1: List all MPNs that contain more than 0.1% Lead or that do NOT have Pb 2nd level interconnections.

Step 2: Are any leaded part numbers being discontinued? Please fill in the date code (format:YY/WW) for the part that is being terminated. If part is not being terminated please leave this column blank.

Step 3: List all Pb Free part numbers corresponding to the leaded part listed in Column A. Additionally, please list all parts that were Pb Free at release (containing less than 0.1% or that HAVE Pb Free 2nd level interconnections). Parts which were Pb Free at release would not have a parallel leaded part in Column A. If no Pb Free part will be offered, please type "none".

Step 4: Is the part number changing for Pb free parts, if so type "Y". If the same part number is used for leaded and Pb Free components, type "N", and we urge you to reconsider.

Step 5: Scheduled Transition Date: List the date code (format: YY/WW) that parts are scheduled to transition to Pb Free.

Step 6: Actual Transition Date: List the date code (format: YY/WW) that parts actually became Pb free.

Step 7: How will the packaging for Pb Free parts be labeled? In Compliance with JESD-97 or with a Pb Free Symbol? Please describe.

Step 8: Are Pb Free parts marked on the Packing List as Pb Free by a symbol or statement? If not, is this available? Please describe in additional comments.

Step 9: What is the Lead Finish Category per JESD97 or IPC-1066? Choose e1, e2, e3, e4, e5, e6 or e7. If it is a part that does not have second level interconnects please choose NA, if it is a part that has lead in the second level interconnects please choose Pb, and if the second level interconnect has another Pb Free finish not listed please choose Other.

Step 10: Please Indicate Moisture Sensitivity Level per IPC/JEDEC J-STD-020.

Step 11: Is the Pb Free part compliant with RoHS directive EU 2002/95/EC? If exempt, please identify basis in Additional Comment section. For more information on RoHS go to: <http://164.36.253.20/sustainability/pdfs/finalrohs.pdf>

Step 12: Does your company have a RoHS Declaration Link for this part (IPC-1752 Format)? If so please attach here.

Step 13: List the date code (format:YY/WW) that parts are scheduled to become RoHS Compliant.

Step 14: List the date code (format:YY/WW) that parts actually became RoHS Compliant.

Step 15: Please describe Package Labeling Method identifying RoHS Compliance per JEITA ETR-7021 or other applicable spec.

Step 16: Please indicate the Maximum Safe Temperature in degrees C that the component/device should obtain during assembly [JESD-97 4.4.1].

Step 17: Please indicate the Max Dwell Time in seconds.

Step 18: Component is backward compatible into Pb solder processes using Manufacturer specified solder profiles? (Y/N)

Step 19: Does your company have a Part Qualification Link for this part. If so please attach here.

Step 20: Does your company have a link to the Chemical Content Declaration (e.g. IPC-1752 Joint Industry Guide or IMDS Data Sheet or AIAG ELY Spreadsheet) for this part? If so please attach here.

Step 21: Additional Information: Add any additional information that may be helpful to the distributor or customer.

Step 22: Last Supplier Revision Date: When making a change to an existing record please fill in the "Last Supplier Revision Date" This will help us update any record where the data has been modified.