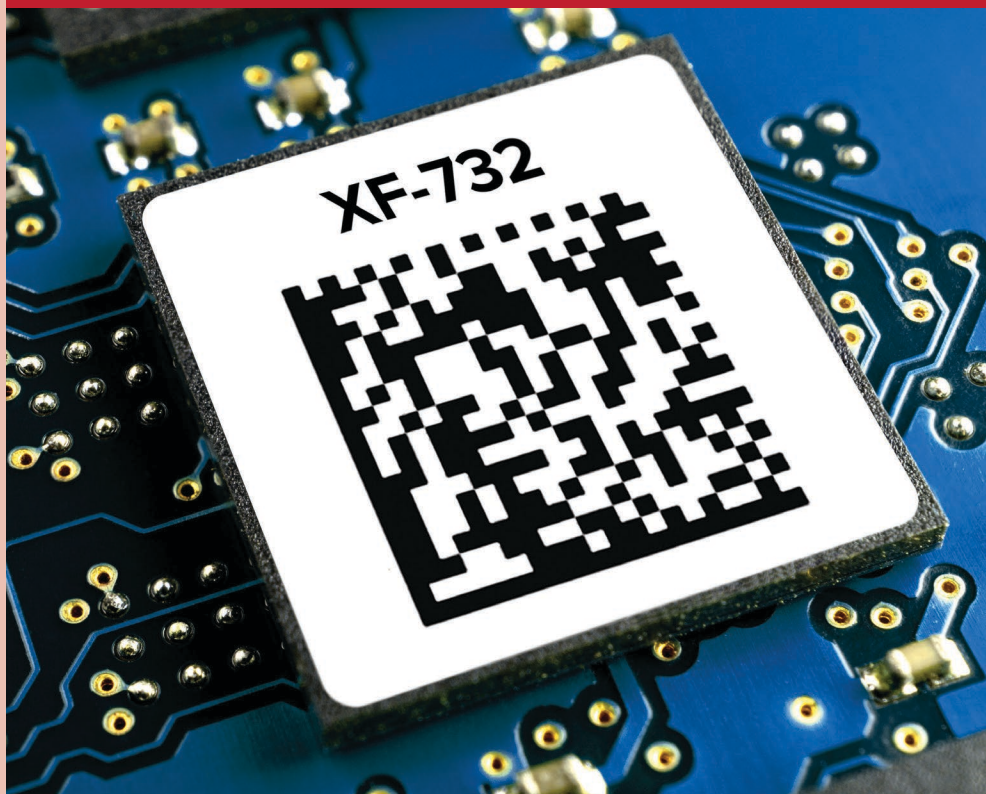


### FEATURES AND BENEFITS

- Withstand highly active organic fluxes used in harsh PCB manufacturing processes
- Abrasion resistant when directly contacted at elevated temperatures
- Thermal transfer printable for high contrast barcodes that will not degrade
- Resists softening and yellowing
- Designed with aggressive acrylic PSAs to stay affixed to PCBs through wave solder, reflow and high-pressure washes



## DURABLE TOPCOAT LABELS FOR YOUR NEXT GENERATION APPLICATIONS

Pressure to increase the quality and reliability of products while reducing cycle times and costs in your PCB manufacturing processes means using higher temperature soldering and more harsh wash processes, which can affect the durability and reliability of standard barcode label materials. With electronic components getting even smaller and the increase of automated material handling systems, the required fixturing and handling can also cause labels to soften and scratch.

Polyonics® high temperature labels feature durable topcoat chemistries that are abrasion resistant when directly contacted at elevated temperatures and chemically resistant to the highly active fluxes (ORH1) used in harsh PCB manufacturing processes. The XF-731 (1 mil) and XF-732 (2 mil) are thermal transfer printable, semi-gloss white polyimide label materials that produce high contrast printed barcodes that will not degrade and remain readable throughout the process.



## APPLICATIONS

- PCB ID and barcode tracking
- Top and bottom side PCB locations
- Tracking of components, assets and electronic devices

## POLYONICS DURABLE TOPCOAT LABELS PRODUCT LINE

Product	Film	Finish	Adhesive	Features	Recommended Ribbons	Temperature Range
<b>XF-731</b>	1 mil (25 µm) Polyimide	Semi-gloss	1 mil (25 µm) Acrylic	<ul style="list-style-type: none"> <li>• REACH and RoHS compliant</li> <li>• ORH1 flux and abrasion resistant</li> <li>• Heat, cold and solvent resistant</li> <li>• UL969 recognized</li> </ul>	Ricoh B110CR Armor AXR7+ ITW B324 DNP R510HF	100 hrs at 302 °F (125 °C) 5 min at 500 °F (260 °C) 90 sec at 572 °F (300 °C)
<b>XF-732</b>	2 mil (50 µm) Polyimide	Semi-gloss	2 mil (50 µm) Acrylic	<ul style="list-style-type: none"> <li>• REACH and RoHS compliant</li> <li>• ORH1 flux and abrasion resistant</li> <li>• Heat, cold and solvent resistant</li> <li>• UL969 recognized</li> </ul>	Ricoh B110CR Armor AXR7+ ITW B324 DNP R510HF	100 hrs at 302 °F (125 °C) 5 min at 500 °F (260 °C) 90 sec at 572 °F (300 °C)

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