



Dynaco Corp.
 1000 South Priest Drive
 Tempe, Arizona 85281-5328

Phone: (480) 968-2000
 Fax: (480) 921-9830
 www.DynacoCorp.com



Dynaco Significantly Improves MIL-PRF-31032 Qualification Level

Tempe, AZ – April 2006: Dynaco Corp., a leading fabricator of high reliability rigid-flex, flex and rigid printed circuit boards and assemblies for the military/aerospace market, has announced that it has successfully improved the company’s certification level to Department of Defense Performance Specification MIL-PRF-31032, and the associated specification MIL-PRF-31032/4 for rigid-flex constructions.

“This certification improvement covers many critical design areas and dramatically expands the range of rigid-flex products that Dynaco can certify to MIL-PRF-31032”, said Kevin Walker, Vice President of Sales and Marketing for Dynaco. “Our chosen market niche is high-reliability military/aerospace rigid-flex circuit fabrication, so it’s important to our customers that we are able to certify to this specification at a board complexity level that’s indicative of what they routinely need. This will create some new opportunities for Dynaco and allow us to compete more effectively in our market space.”

MIL-PRF-31032/4 Capability Improvement

| Attribute | Previous | New |
|-------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------|
| Panel Size | 18" x 24" | 18" x 24", 12" x 18" |
| Max. Board Thickness | .100" | .120" |
| Min. Plated Via Size | .032" | .010" |
| Aspect Ratio | 3:1 | 12:1 |
| Max. Layer Count | 10 | 20 |
| Min. Conductor Width | .010" | .004" |
| Min. Conductor Spacing | .010" | .006" |
| Flex Base Material | IPC-4204/1 (Acrylic Adhesive) IPC-4204/11 (Adhesiveless) | IPC-4204/1 (Acrylic Adhesive), IPC-4204/11 (Adhesiveless), IPC-4203/1 (Covercoat) |
| Finish | Hot Air Solder Level | Hot Air Solder Level, Fused Sn/Pb |
| Hole Preparation | Permanganate Desmear/Etchback | Permanganate Desmear/Etchback, Plasma Etchback |
| Copper Plating | Acid Copper | Electroless and Acid Copper |
| Alternate Construction | | Foil Lamination |

Qualification to MIL-PRF-31032 is an increasingly common requirement for new designs for the military/high reliability printed circuit board market. Dynaco maintains qualification to MIL-PRF-55110 and MIL-P-50884 for existing designs and can routinely meet the requirements of applicable IPC specifications, such as IPC-6012, IPC-6013 and IPC-6018.



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For a copy of the most recent MIL-PRF-31032 qualification letter, please visit our website:
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About Dynaco Corp.

Dynaco Corp. fabricates high reliability printed circuit boards and assemblies for the military/aerospace market. The company, which specializes in the fabrication of challenging rigid-flex and flex circuit constructions, also produces rigid circuit boards and specialized circuit boards requiring high performance substrates. Dynaco rigid-flex printed circuit boards are used in a wide variety of military and aerospace applications where a premium is placed on long-term reliability, reduced space and weight savings over more conventional interconnect technology. Dynaco is also certified as a Small Disadvantaged Business (SDB) by the US Small Business Administration (SBA).

For additional information contact: Dynaco Corp.
Kevin Walker. 480.736.3707
Vice President of Sales and Marketing
k.walker@DynacoCorp.com
www.DynacoCorp.com