



QLT DMT PA Code Flowdowns

Effective as of 9/22/2025

This document does not contain any export controlled technical data.

100 Series: QMS/Standards/Certifications

100	AS9100 Series Quality System	The Supplier shall comply with the requirements of the latest revision of AS9100, or AS9120.
101	Cancelled	Cancelled
102	ANSI Z540	The Supplier shall comply with the requirements of the latest revision of the ANSI Z540-3, "Requirements for the Calibration of Measuring and Test Equipment". Test report/calibration certificate shall be provided.
103	Cancelled	Cancelled. See 100.
104	ISO 17025	The Supplier shall comply with the requirements of the latest revision of the ISO17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Test report/calibration certificate shall be provided.
105	Workmanship Standards	The Supplier shall comply with the applicable portions of the Buyer's specification for Mechanical Workmanship.
106	NASA-STD-8739.1	The Supplier shall comply with the requirements of the applicable portions within NASA-STD-8739.1 - "Workmanship Standards for Staking and Conformal Coating of Printed Circuit Boards and Electronic Assemblies", (latest revision).
107	NASA-STD-8739.2	The Supplier shall comply with the requirements of the applicable portions within NASA-STD-8739.2' - "Workmanship Standard for Surface Mount Technology", (latest revision).
108	NASA-STD-8739.3	The Supplier shall comply with the requirements of the applicable portions within NASA-STD-8739.3 - "Workmanship Standard for Soldered Electrical Connections", (latest revision).
109	NASA-STD-8739.4	The Supplier shall comply with the requirements of the applicable portions within NASA-STD-8739.4 "Workmanship for Harnesses", (latest revision)
110	ANSI/J-STD-001	The Seller shall comply with the requirements of the latest revision* (and all cumulative change notices) of ANSI/J-STD-001, "Requirements for Soldered Electrical and Electronic Assemblies", Class 3.

111	J-STD-001- Space Addendum	The Supplier shall comply with the requirements of the applicable portions Space Addendum for J-STD-001
112	ANSI/IPC-A-610	The Supplier shall comply with the requirements of the latest revision* (and all cumulative change notices) of ANSI/IPC-A-610, "Acceptability of Electronic Assemblies", Class 3.
113	IPC/WHMA-A-620	The Supplier shall comply with the requirements of the latest revision *(and all cumulative change notices) of IPC/WHMAA- 620 "Requirements and Acceptance for Cable and Wire Harness Assemblies", Class 3.
114	Cancelled	Cancelled
115	Cancelled	Cancelled
116	Cancelled	Cancelled
117	Cancelled	Cancelled

200 Series: Process Controls

<p>200</p>	<p>Restricted Materials</p>	<p>The supplied product shall not contain any of the following materials:</p> <ul style="list-style-type: none"> • Pure tin and tin alloy coatings and finishes greater than 97% weight tin. • Pure cadmium and cadmium alloy coatings and finishes greater than 1% weight cadmium. • Pure zinc and zinc alloy coatings and finishes greater than 1% weight zinc. • Pure selenium. • Mercury and compounds of Mercury. • Brass without an approved plating finish greater than 50um inches in thickness <p>Use of restricted materials in products supplied to DANBURY MISSION TECHNOLOGIES is prohibited, unless authorized in writing by DANBURY MISSION TECHNOLOGIES.</p>
<p>201</p>	<p>Restricted Materials with Specific Certification</p>	<p>The Supplier shall certify that the supplied product does not contain any of the following materials:</p> <ul style="list-style-type: none"> • Pure tin and tin alloy coatings and finishes greater than 97% weight tin. • Pure cadmium and cadmium alloy coatings and finishes greater than 1% weight cadmium. • Pure zinc and zinc alloy coatings and finishes greater than 1% weight zinc. • Pure selenium. • Mercury and compounds of Mercury. • Brass without an approved plating finish greater than 50um inches in thickness <p>Use of restricted materials in products supplied to Danbury Mission Technologies is prohibited, unless authorized in writing by Danbury Mission Technologies.</p>
<p>202</p>	<p>Foreign Object Damage/Debris Prevention</p>	<p>The Supplier shall inspect for foreign objects/materials. All delivered products shall be free of foreign objects/materials including grease, lubricant, coatings not specified on purchase order, burrs, etc.</p>
<p>203</p>	<p>Foreign Object Damage/Debris Control Program</p>	<p>The Supplier shall maintain a FOD (Foreign Object Damage/Debris) Prevention control program per SAE AS9146 Foreign Object Damage (FOD) Prevention Program – Requirements for Aviation, Space, and Defense Organizations.</p>

204	Shelf-Life Material	The Supplier shall furnish the date of manufacture (DOM) or the date of shipment (DOS) (whichever is applicable to shelf-life calculation) and the recommended shelf life and storage temperature of material shipped on this Purchase Order. Unless otherwise stated on the PO, drawing/specification, or supplier certificate; product having less than 75% of the total shelf life remaining from the date of manufacture will not be accepted.
205	Silver Plated/Coated Wire	<p>A Certificate of Conformance (CoC) in accordance with PA code 500 shall be provided on this order. OEM lot number(s) shall be identified on the CoC.</p> <p>Supplier shall provide a Test Report from the OEM that the wire conforms to the applicable governing wire specification i.e. SAE AS22759.</p> <p>No wire splices allowed. Multiple lengths from the same lot number may be provided if all ends are exposed if on the same roll or separate rolls provided.</p> <p>Wire shall be from single OEM lot number/lot date code, unless approved by the buyer.</p> <p>Date of manufacture shall not be more than 2 years from the date of manufacture, Lot Date code, or when not specified, the date of final inspection.</p> <p>Wire shall be packaged in accordance with SG 3432, IPC-WP-113, or Buyer approved Red Plague Control Plan to mitigate red plague on silver coated wire.</p>
206	Conformance to Specialty Metals DFAR	Conformance to DFARS 252.225,7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals, is required and must be flowed down to your sub-contractors. Specialty metals that apply per the DFAR are certain steels, titanium's, and zirconium based alloys. Aluminum and most other alloys are not included.
207	Outsourcing, Sub-tier Suppliers, and Subcontracting	All Suppliers, sub-tier Suppliers, vendors, laboratories, manufacturers, and franchised/authorized distributors shall be approved for use in advance by Danbury Mission Technologies prior to use. This does not include raw material Suppliers.
208	Cancelled	Cancelled
209	NADCAP Special Processors	The Supplier shall only subcontract special processes to Suppliers that are Nadcap certified for the process that is subcontracted. When a supplier is performing a process to Danbury Mission Technologies specifications the supplier's general Nadcap certification for the type of process performed is acceptable
210	Cancelled	Cancelled
211	Cancelled	Cancelled

212	Flow Down to Sub-tier Suppliers	Whenever the supplier subcontracts any part of the work required by this purchase order (including parts or any manufacturing process or is distributing product on behalf of an original manufacturer), it shall be The Supplier's responsibility to flow down all the applicable contractual requirements invoked on this purchase order.
213	Counterfeit Parts Prevention	<p>The Supplier is hereby notified that the delivery of suspect/counterfeit, salvaged, remanufactured or reclaimed components, parts and/or materials is prohibited to Danbury Mission Technologies. The Supplier shall only purchase components, parts and/or materials procured directly from the Original Component Manufacturer (OCM)/ Original Equipment Manufacturer (OEM)/ Original Source, or through the authorized franchisee/distributor chain. Procurement through an independent distributor or broker is NOT authorized, unless first approved in writing by the Buyer. Regardless of the source of procurement, the Supplier shall provide original manufacturer documentation that authenticates traceability of the components of the applicable original manufacturer.</p> <p>Suppliers must have a counterfeit parts prevention program. The purpose of this program shall be to prevent the delivery of counterfeit parts and control parts identified as counterfeit. Further guidance can be found in SAE AS5553.</p>
214	Cancelled	Cancelled
215	Astronaut Safety	For use in manned space flight; materials, manufacturing, and workmanship of the highest quality standards are essential to astronaut safety.
216	Tape and Reel	Devices shall be shipped in tape and reel packaging. Each lot date code and value must be readily identifiable on each reel. One lot date code per reel. All reels shall be submitted with leaders. Components shall be secured to the reel with heat activated cover tape.
217	Cancelled	Cancelled
218	Waffle Pack	Devices shall be shipped in waffle / individual packaging. Each lot date code and value must be readily identifiable on package.
219	Cancelled	Cancelled
220	Cancelled	Cancelled
221	Cancelled	Cancelled
222	Product Safety Control Plan	Product Safety Characteristics are defined on the drawing. A Control Plan, which identifies the key processes creating the Safety characteristic, and defines the inspection procedures and outlines a reaction plan, is required. Control Plan approval is required by the

		Buyer before The Supplier may proceed with the balance of the order. Control Plan shall include a process map .
223	Cancelled	Cancelled
224	Cancelled	Cancelled
225	Parts Reuse	Parts that have been installed in an assembly and then removed from the assembly for any reason are not to be used again in any flight or spare item without the approval of Danbury Mission Technologies.
226	ROHS Exclusion	The ROHS requirement for lead free solders is excluded for this procurement. Solder shall include at least 3% Pb with the 63/37 solder preferred.
227	Age of Electrical/Electronic Components	All electronic components shall be from lots manufactured no more than two (2) years from the date ordered. Exceptions to this provision must be approved by Danbury Mission Technologies prior to shipment
228	Age Control-1 year	The lot date code of material shipped on this line item shall be no older than 1 year from the date of shipment. The lot date code shall be marked on the part or part packaging or associated paperwork. The format shall include as a minimum 2-digit year and 2-digit week, YYWW.
229	Age Control-3 year	The lot date code of material shipped on this line item shall be no older than 3 years from the date of shipment. The lot date code shall be marked on the part or part packaging or associated paperwork. The format shall include as a minimum 2-digit year and 2-digit week, YYWW
230	Age Control-5 year	The lot date code of material shipped on this line item shall be no older than 5 years from the date of shipment. The lot date code shall be marked on the part or part packaging or associated paperwork. The format shall include as a minimum 2-digit year and 2-digit week, YYWW.
231	Age Control-2 year	The lot date code of material shipped on this line item shall be no older than 2 years from the date of shipment. The lot date code shall be marked on the part or part packaging or associated paperwork. The format shall include as a minimum 2-digit year and 2 digit week, YYWW.
232	Distributor Restriction for Electronic Components	The items procured by way of this Purchase Order must be supplied only from the Manufacturer or a Manufacturer authorized distributor. Parts must be new and unused and as provided by the Manufacturer and must not be previously sold and/or returned parts. Procurement through an independent distributor or broker is NOT authorized and such an entity must reject this Purchase Order.



300 Series: Inspection/Test

300	Supplier Surveillance of Seller and Seller's Sub-Tier's	Authorized representatives of the Buyer and/or Buyer's Customer and Regulatory Authority shall have the right to survey, audit, and review the Quality Assurance System employed by The Supplier and/or its Sub-Tier's. Accordingly, The Supplier and its Sub-Tiers are expected to grant the designated representative(s) access to their facility at any reasonable time and access to areas where the production of the item(s) is covered by this Purchase Order
301	Cancelled	Cancelled
302	Buyer Source Inspection	The product furnished under this Purchase Order or Subcontract is subject to Buyer's source inspection. Buyer must be notified 5 days in advance (14 days outside continental United States) for the need for source inspection. Acceptance of product at source is considered preliminary. Final acceptance will be at destination (the Buyer's facility). The Supplier is required to provide all requisite equipment, records, reports, etc., to facilitate the work of the Buyer's Source Inspector, and to verify any physical or functional specifications as may be requested by him/her in the course of the inspection. A copy of the Source Inspection Report verifying acceptance of the item(s) and properly validated by the inspector's stamp shall accompany the shipment to the Buyer's facility. Program Quality Engineering may waive Source Inspection via PO amendment, e-mail or letter.
303	Customer Source Inspection	The product furnished under this Purchase Order or Sub-Contract is subject to the buyer's Customer Source Inspection. On receipt of the Procurement Document, The Supplier shall furnish a copy to the Customer so that appropriate planning for Customer Inspection can be accomplished. In the event the representative or office cannot be located, the Buyer should be notified immediately. Evidence of Customer Source Inspection must be provided with shipment for product to be accepted at destination (the Buyer's facility). All related documents shall be available for review.
304	Government Source Inspection	The product furnished under this Purchase Order or Sub-Contract is subject to Government Source Inspection. On receipt of the Procurement Document, The Supplier shall furnish a copy to the Government Representative who normally services the plant. In the event the representative or office cannot be located, the Buyer should be notified immediately. When product is ready for inspection, and preferably in advance thereof, The Supplier shall notify the Government Representative who normally services the plant. Evidence of Government Source Inspection must be provided with shipment for product to be accepted at the Buyer's facility. All related documents shall be available for review.
305	Cancelled	Cancelled
306	Government Source Inspection - NASA	All work on this order is subject to inspection and test by the Government at all times and places; and in any event prior to shipment. The Government quality representative who has been

		<p>delegated NASA Quality Assurance functions on this procurement shall be notified upon receipt of this order. In the event the representative or office cannot be located, the Buyer should be notified immediately. The Government representative shall also be notified forty-eight (48) hours in advance of the time articles or materials are ready for inspection or test.</p> <p>Evidence of Government Source Inspection must be shown on shipping documents, or inspection reports for product to be accepted at the Buyer's facility. All related documents shall be available for review.</p>
307	Single Piece Inspection Report	<p>A new Inspection Report shall be generated for each shipment of products manufactured to a Danbury Mission Technologies drawing. A separate Inspection Report shall be generated for each item on the purchase order. Previous Inspection Reports do not fulfill this requirement. Inspection Reports shall include data comparing all drawing requirements, including reference dimensions and drawing notes, with the actual measurements of one item. The Report shall also include the drawing revision level, serial number of the item measured if applicable, the specified parameter, and the actual measurement. When an item does not have a serial number, the item used to complete the Inspection Reports shall be clearly tagged as "Single Piece Inspected". A new Inspection Report is not required for Standard Hardware purchases.</p>
308	First Article Inspection Reports (FAI)	<p>First article inspection reports are required for assemblies, sub-assemblies, and detail parts including castings and forgings per AS9102 and/or functional test conformance.</p>
309	Supplier Inspection Report Submission	<p>A copy of The Supplier's inspection report(s) shall be provided with shipment showing the complete Part Number(s), Revision(s), Method of Inspection, Drawing Number & Revision, and Serial Number(s), if applicable for the items on the inspection report(s).</p>
310	Sampling Inspection	<p>Sampling inspection of material lots is allowable at an AQL of 1%, Level II C=0 (acceptance number) but must be in accordance with the latest revision of ANSI/ASQC Z1.4 , "Sampling Procedures and Tables for Inspection by Attributes,"</p>
311	100% Inspection	<p>The Supplier is required to perform 100% inspection of all drawing requirements or referenced specifications for all parts. A record of "as measured" dimensions will be supplied to the Buyer through a "Vendor Inspection Report" or The Supplier's equivalent form and shall list the parameter specified vs. the actual measurement. The "as measured" record shall consist of actual data recording of all dimensions with a total tolerance of 0.010 inch or less with an accuracy of one tenth the total tolerance</p>
312	Pre-Cap Source Inspection	<p>The product(s) furnished under this Purchase Order or Sub-contract are subject to a Buyer's Pre-Cap Source Inspection prior to the encapsulation process e.g. potting, close-out. When material is ready for inspection, The Supplier shall give 5 days' advance notification to the buyer. The Supplier is required to provide all</p>

		requisite equipment, records reports, etc., to facilitate the work of the Buyer's Quality Assurance Representative, and to verify any physical or functional specifications as may be requested by him in the course of the inspection. A copy of the Buyer's Source Inspection Form verifying acceptance of the item(s) and properly stamped or signed shall accompany the shipment. Buyer has the right to waive pre-cap source inspection.
313	Cancelled	Cancelled
314	Cancelled	Cancelled
315	Cancelled	Cancelled
316	Cancelled	Cancelled
316	Cancelled	Cancelled
317	FAIR for Circuit Card Assemblies	<p>If a First Article Inspection Report is required for circuit card assemblies, The Supplier shall balloon and number all drawing features including dimensions, specifications, and literary notes to aid in the review and any future correspondence. Discrete electronic components (or detail parts) are accounted for by color highlighting the reference designator as follows:</p> <ul style="list-style-type: none"> • Component in place and value/polarity verified – GREEN • Component in place and not able to visually verify value/polarity – YELLOW • Component purposely not installed – RED. Indicate reason by reference designator on field of drawing or separate attached listing, also reference authorizing document e.g. VMRR#. • No component to be installed at reference designator by design (not on parts list) – BLUE Include the color code legend on the field of the drawing.
318	Bonded Source Inspected Stock	Material may be bonded at The Supplier in the event that the entire lot of material sourced is to be shipped incomplete
319	Pre-shipment authorization (CTS1)	<p>This order requires pre-shipment authorization from the buyer.</p> <p>Prior to Purchase Order line-item shipment, the supplier shall submit QLT_DMT_Consent to Ship FRM and all P.O. required product data to the approved file transfer site as communicated by the buyer.</p> <p>The buyer will communicate the disposition of the pre-shipment request after reviewing the supplied data.</p>
320	Pre-shipment authorization (CTS2)	<p>This order requires pre-shipment authorization from the buyer.</p> <p>Prior to Purchase Order line-item shipment, the supplier shall submit QLT_DMT_Consent to Ship FRM and all P.O. required product data to the approved file transfer site as communicated by the buyer.</p>

		The buyer will communicate the disposition of the pre-shipment request after reviewing the supplied data.
321	Pre-shipment authorization (CTS3)	<p>This order requires pre-shipment authorization from the buyer.</p> <p>Prior to Purchase Order line-item shipment, the supplier shall submit QLT_DMT_Consent to Ship FRM and all P.O. required product data to the approved file transfer site as communicated by the buyer.</p> <p>The buyer will communicate the disposition of the pre-shipment request after reviewing the supplied data.</p>
323	Cancelled	Cancelled
324	Cancelled	Cancelled
325	Cancelled	Cancelled

400 Series: Configuration Management/Change Control/Lot Control

400	Part/Material Substitution	Part and/or Materials substitution is not allowed. If unable to fulfill purchase order with specified part number, immediately notify the Buyer.
401	Single Lot/Date Code	This item must be supplied as a single lot or date code from one manufacturer to fulfill the demands of an individual purchase order. Multiple lots, batches, manufacturer's batches, or date codes will not be accepted. Components too small to have a date code marking shall have their packaging identified with the appropriate date code marking.
402	Cancelled	Cancelled
403	Control by Lot	The Supplier shall assign a common lot control number to all items in a particular manufactured lot (defined for this purpose as a quantity that has been manufactured during an uninterrupted period of time, following a standard process and using the same equipment/facility). When wafer lot traceability is required by the Danbury Mission Technologies purchase order, wafer lot traceability will appear on the Certificate of Compliance.
404	Buyer's Cognizance of Deviations and Design Changes	<p>Verbal authorizations from Danbury Mission Technologies personnel are invalid at all times</p> <p>The supplier shall notify the Buyer of changes in product and/or process, changes of suppliers, changes of manufacturing facility location.</p> <p>Proposed changes in design from the Procuring Facility's supplied drawings or specifications must be reported to the Buyer immediately. No change will be considered approved without written confirmation of that fact from the Buyer.</p> <p>The Supplier shall notify the Danbury Mission Technologies Buyer when The Supplier or The Supplier's sub-tiers are found to be noncompliant to Buyer specifications, supplier is disapproved by a Government agency, or Government/Industry Data Exchange Program (GIDEP) Alert is required or received affecting Buyer items.</p> <p>The Supplier shall not ship any material, parts, or assemblies, which do not conform to all drawings, specifications, and purchase order to the Buyer's facility or their designated receiver, without prior approval from the procuring facility's Material Review Board.</p> <p>The Buyer will accept requests for material review on a Buyer furnished report, which is available upon request. Materials with non-conforming characteristics will not be accepted unless approved prior to shipment by the Buyer and verified by written communication. Under no circumstances are repairs to be undertaken without prior written approval from the Buyer.</p>

405	Retention of Inspection Records	Records shall be retained and available for review for a period of ten (10) years after the date of final payment. For the purposes of this instruction, records are defined as documentation that provides primary assurance of required product or service quality to the requirements of the purchase order.
406	Lot Date Code	Lot date code required. The lot date code shall be marked on the part or part packaging and associated paperwork. The format shall include as a minimum 2-digit year and 2-digit week, YYWW.
407	Cancelled	Cancelled
408	Frozen Processes	Processes developed for the manufacture, assembly or test of this item shall be approved by the Buyer. Once approved, the processes are to be frozen and cannot be changed by The Supplier without written approval from the Buyer.
409	Hi-Rel Commercial or Off-The-Shelf Items	Designated commercial or off-the-shelf items procured as generic, high reliability parts shall be identified by lot number or date code. Records for each single lot or date code shall be maintained to provide traceability of these items to purchase order, functional tests as applicable, dimensional and visual inspection data, and material acceptance data.
410	Optical Coating Lot Numbers	Coated items (components, parts, etc.) must be identified with coating lot numbers. Certifications and/or test data supplied must reference the lot numbers and be signed by an authorized representative.
411	Material Review Board Authority	Unless otherwise specified on the purchase order, Danbury Mission Technologies shall retain Material Review Board (MRB) authority on nonconforming parts, processes, materials, and assemblies which have been dis-positioned "scrap", "rework to drawing" or "return to supplier". The Supplier shall not exercise material review authority for "repair" or "use-as-is" without written approval of the Danbury Mission Technologies buyer. Any rework that was accomplished by The Supplier must be documented and a copy of the documentation provided with the shipping documents package. Documentation includes but is not limited to; The Supplier's reject document, The Supplier's rework routing that includes what requirements/specifications the rework complies to, the documentation that The Supplier accepted the rework process performed, and a copy of the written Danbury Mission Technologies approval.
412	Cancelled	Cancelled

413	Cancelled	Cancelled
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500 Series: EIDP/Acceptance Data/C of C

<p>500</p>	<p>Basic Certificate of Conformance</p>	<p>The certificate of conformance shall be provided with each shipment and include the following information at a minimum:</p> <ul style="list-style-type: none"> • Supplier name and manufacturing address • Part number (part number or raw material ordered if not the same as The Supplier’s internal part number) and engineering drawing revision • Part name or description (as applicable) • Danbury Mission Technologies purchase order and line-item number • Quantity of parts shipped • Serial, batch, or lot numbers (as applicable) • Date of the certification of conformance • Government contract # (where applicable) • Waiver/deviation/non-conformance documentation (as applicable) • Title and signature of authorized supplier representative attesting to C of C accuracy.
<p>501</p>	<p>Hi-Rel Certificate of Conformance</p>	<p>The certificate of conformance shall be provided with each shipment and include the following information at a minimum:</p> <ul style="list-style-type: none"> • Supplier name, supplier address, supplier telephone number, and Commercial and Government Entity (CAGE code) number; • Manufacturer name (if different from Supplier name), manufacturer address, manufacturer telephone, and manufacturer CAGE code; • Part number (part number or raw material ordered if not the same as The Supplier’s internal part number) and drawing or specification number and revision; • Part name or description (as applicable); • Danbury Mission Technologies purchase order number, purchase order revision, and purchase order line item number; • Quantity of parts shipped; • Serial, batch, or lot numbers (as applicable); • Date of the certification of conformance; • Government contract # (where applicable); • Waiver/deviation/non-conformance documentation (as applicable) ; • Material and special process specifications (as applicable); • Title and signature of authorized supplier representative attesting to C of C accuracy;

		<ul style="list-style-type: none"> • Shelf-life date of manufacture and date of expiration (as applicable). When the item is supplied in syringes, the C of C must state that the syringes are lubricant and silicone free; • A specific statement that the materials/processes furnished meets all the requirements of the purchase order, applicable drawings, and/or applicable specifications; • Reference to and inclusion of the original manufacturer's or sub-tier supplier's C of C; • A statement that inspection and/or test data, when applicable, is on file and will be made available on request. • A statement of certification that deliverable products are free of any foreign objects/materials that could cause damage to the product or to the components/ of which the product is a part or to which the product is attached • A statement of conformance that suspect or counterfeit, salvaged, re-manufactured, or reclaimed components, parts, and/or materials are not provided as part of the purchase order.
502	Raw Material Certification	<p>The Supplier shall submit a mill inspection/test report from the Raw Material Manufacturer for metallic material that includes:</p> <ul style="list-style-type: none"> • Material Heat Number • Material Grade • Product Specifications Met • Mechanical Properties • Chemical Analysis • Heat Treatment • Certified Mill Signature • Non-metallic material shall only require a chemical properties inspection/test report.
503	Material and Physical/Chemical Certifications	<p>All materials shall be procured from the Danbury Mission Technologies approved material's original source or its Danbury Mission Technologies approved franchised/authorized distributor. The Supplier shall submit a manufacturer or mill inspection/test report that states that the material meets the requirements of the applicable specifications and/or engineering drawings, identifies the material's original source and the original lot or batch number, the material type and shows the physical and chemical properties by reference to melt, cast, heat, etc., and approved by its authorized representative with each shipment. Non-metallic material shall only require a chemical properties inspection/test report. All certifications supplied as objective evidence must indicate the processor company name, full address, telephone number, Commercial And Government Entity (CAGE) code number of the facility performing each special process.</p>

504	Special Processes Certification	The Supplier shall furnish a certification of compliance which states the product conforms to applicable specifications required by PO, drawing or specification signed by an authorized representative of the agency performing the special process with each shipment. This requirement may appear as a separate deliverable line item on the PO. When applicable batch, lot, heat number, x-ray, heat treat chart, etc. for the special processes is performed, it shall accompany the shipment.
505	Special Process Danbury Mission Technologies Approved Source	Special processes shall be performed by Danbury Mission Technologies approved sources. A legible and reproducible copy of special process certifications shall accompany each shipment of material or parts for which such processing has been accomplished. Certifications are to include all specifications listed in the order of sequence and date performed. All certifications supplied as objective evidence must indicate the processor company name, full address, telephone number, Commercial And Government Entity (CAGE) number of the facility performing each special process.
506	Seller Records, Material/Special Processes	The Supplier shall submit a certification, signed by its authorized representative, which states that the materials used were furnished by the Buyer or that the materials supplied meet drawing or specification requirements, and that physical and chemical test reports of the materials, certifications of special processes performed such as heat treating, plating, finishing, welding, etc. used are on file and shall be available upon request from Buyer. This requirement may appear as a separate deliverable line item on the PO.
507	Control of Item Serial Numbers	The Buyer shall assign permanent, individual serial numbers to all items shipped under the Purchase Order or Sub-contract. If the Buyer elects to delegate this responsibility to The Supplier, it will be stated in the Purchase Order. The manner of affixing the serial numbers will also be specified in the notes of the Buyer furnished drawing. Serial numbers provided shall not be repeated within a lot or with respect to previously supplied lots, unless authorized in writing by the Buyer. Traceability of each serialized item to the raw materials employed in its fabrication will be maintained by The Supplier. Material certifications, analysis, test bars, samples, etc. and all pertinent inspection data, inspector identity, are maintained to provide traceability for each part and assembly serialized.
508	Functional Test Report	The Supplier shall submit a report with each shipment, which delineates the functional test results of each item in the shipment. The functional test will verify conformance with all functional specifications called on drawing or test specifications. The data sheets should list the test parameter specified vs. the actual test results. The test data shall indicate the approval of The Supplier's Quality Assurance Department.
509	Cancelled	Cancelled
510	Cancelled	Cancelled

511	Cancelled	Cancelled
512	MSDS	The current manufacturer's Material Safety Data Sheet (MSDS) is required to be submitted prior to shipment of each order or with the shipment of each order.
513	Electronic Data	Requested data shall be submitted electronically. The preferred format is PDF, Microsoft Word, Excel, etc. Paper copies are not required, when the data is provided electronically, CD and DVD submittal are allowed. Disks shall be included with the shipment unless otherwise directed by the Buyer.
514	Flight Critical	The Certificate of Conformance shall indicate The Supplier's awareness that the items being supplied are Flight Critical by including "Flight Critical Item(s)" on the provided Certificate of Conformance
515	Seller Specifications, Drawings, Catalog, Date, Operating/ Maintenance Manual, etc.	Items furnished under this Purchase Order or Sub-contract for which no Buyer drawing exists will be accompanied on the initial shipment by a copy of The Supplier's drawing, specifications, catalog, manuals, etc., to facilitate the Buyer's Incoming Inspection. It is understood that data supplied is not expected to be of a sensitive proprietary type.
516	Printed Wiring Board Lot Test Coupons	The Supplier shall furnish test samples, coupons, and micro sections for each Printed Wiring Board (PWB) included in the item(s) on this order traceable by lot and panel to serialized PWBs included in this order. Testing results showing compliance to requirements shall also be submitted with the coupons and micro sections.
517	Material/Process Test Specimens	The Supplier shall submit with this order test specimens or samples (same as the material kit) in the form of glass test samples or weldment samples, etc. representative of the items shipped, and in accordance with referenced specifications. The sample shall be of sufficient size and configuration to permit Danbury Mission Technologies to determine heat treatment, plating painting, etc., results in lieu of destroying a completed part. The samples shall be traceable by batch, melt, serial number or other unique identification to each specified item.
518	Optical Material Certification	The Supplier shall submit with each shipment a certification, signed by an authorized representative, which states that the optical glass is the type and grade specified on the drawing/purchase order, and conforms to specification MIL-G-174A (when applicable).
519	Optical Material Traceability	Traceability by melt (Boule or Lot) numbers is required on all material supplied for this purchase order. Actual test data for optical properties is required on each melt lot. All material must be identified with the melt (Boule or Lot) number.

520	Optical Data Requirements	The Supplier shall supply actual spectral and/or environmental data, as required by the specification/purchase order for each material melt and/or coating lot. Data must be certified by an authorized representative. Spectral data shall include a data file in Excel format.
521	Interferometric Data	The Supplier shall provide soft-copy Interferometric test data.
522	Documentation and Certifications	<p>The Supplier shall provide the Danbury Mission Technologies buyer with an acceptance data package that contains the following documentation for each item provided:</p> <p>(1) Certificates of Compliance (See "Certificate of Compliance" requirements).</p> <p>(2) Materials: List of all materials (e.g. traceability to lot/date code/supplier/supplier CAGE code). Complete physical and chemical test data including material certifications and, physical/chemical test certifications and reports. Certifications shall be in conformance with the latest specification as defined by drawing or PO.</p> <p>(3) Parts Traceability to lot/date code/supplier/supplier CAGE code.</p> <p>(4) Manufacturing/Assembly and Test Traveler (including supplier QC inspections and Danbury Mission Technologies, customer, and government source inspections when applicable.)</p> <p>(5) Documentation of all nonconforming materials, processes or test deviations. Deviations that result in a nonconformance to this specification must e submitted to the Danbury Mission Technologies buyer.</p> <p>(6) Acceptance Test/ Inspection Data/First Article Inspection Reports (FAIR) measurements. All quality records (non-electronic) shall be documented in ink or other permanent marking. All data is to accompany the item shipment and must be complete, legible, reproducible, and authentic.</p>
523	Traceability Requirements	<p>The Supplier shall maintain traceability data for parts, processes, materials, and assemblies from procurement through fabrication, processing, assembly, test and delivery. Traceability data shall provide for the ready identification of suspect lots when individual items are found discrepant.</p> <p>Examples of traceable information may include, but are not limited to:</p> <ul style="list-style-type: none"> • Date of Manufacture • Serial Number • Material Lot number • Wafer Lot number an Date Code • Heat Lot number • Control Number

		<ul style="list-style-type: none"> • Final Inspection Sequence Date • Batch Number • Casting Number • Work Order Number
524	Close Out photographs Required	<p>Included with the documentation/data package shall be close out photographs of each item being delivered. The close out photographs shall be a series of photographs which document areas internal to the item that cannot be inspected without disassembly of the item. Each photograph shall be identified with the part number and serial number of the item being photographed.</p> <p>These photos will be taken at significant stages of assembly (i.e. encapsulation, lidding, or delivery to the next higher assembly level). Detailed photos shall be taken of each system, subsystem, assembly, and subassembly. Photos shall be adequately detailed to identify features including, but not limited to (1) serial numbers of subassemblies and/or parts, where such markings are visible; (2) orientation of polarized devices, such as tantalum capacitors, diodes, etc.; and (3) wire routing.</p> <p>Photographs shall have a minimum resolution of 10 megapixels or a resolution that allows component identification.</p>
525	ESD Certificate of Conformance	The seller shall furnish a certificate of compliance which states the equipment is compliant to ESD standards as applicable, reference ANSI/ESD-20.20.
526	Solder Certificate of Conformance	Delivery of Solder Sn63Pb37 and any related product i.e. paste, wire, flux/ rosin, bar and or chips to Danbury Mission Technologies must be accompanied by its corresponding solder IPC J-STD-004, 005 and or -006 certificate of conformance as called out in drawing or purchase order.
527	High Reliability and Military Part Procurement Sourcing Instructions	This part is listed on the Defense Logistics Agency's (DLA) Qualified Products List (QPL). Only QPL parts may be supplied on this purchase order and may be further restricted to one or more specific CAGE codes. This part must be procured as a QPL part either directly from the manufacturer listed on the QPL or from the manufacturer's authorized distributors. No substitutions are allowed without written permission of the buyer.

600 Series: Packaging/Handling

600	Packaging/Shipping ESD Sensitive Parts (MIL-Spec.)	ESD sensitive Materials shall be packaged/marked/shipped in accordance with MIL-STD-2073. (Note: Order of precedence for other requirements shall be drawing when ESD packaging requirements are specified on drawing).
601	Storage/Packing for Moisture Sensitive Parts	Parts supplied on this order shall be shipped in a sealed Moisture Barrier Bag with a desiccant and humidity / moisture indicator IAW J-STD-033B. Outer packaging or Moisture Barrier Bag shall be labeled with a Moisture Sensitive Caution Label.
602	Cancelled	Cancelled
603	Handling of Class 0 sensitive parts	All Suppliers handling Class 0 sensitive materials less than 250V (HBM) shall be approved by Buyer and are subject to an ESD practice and program audit. Findings of the audit shall be resolved prior to commencement of work.
604	Handling of ESD sensitive parts	All materials considered to be ESD sensitive shall be handled per ANSI/ESD S20.20.
605	Packaging/Shipping ESD Sensitive Parts (ANSI Spec.)	Materials considered ESD sensitive per ANSI/ESD/S20.20 shall be marked per ANSI/ESD S8.1. They shall be packaged and shipped in accordance with ANSI/ESD S541 (Note: Order of precedence for other requirements shall be drawing when ESD packaging requirements are specified on drawing).
606	Packaging/Shipping ESD Sensitive Parts (MIL-PRF-81705)	Materials considered ESD sensitive per MIL-STD-1686, Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment, shall be packaged/shipped in accordance with Buyer requirements. In the absence of this requirement, packing shall meet or exceed MIL-PRF-81705, Barrier Materials, Flexible ESD Protective Heat-Sealable. Labeling, per MIL-STD-129, Marking for Shipment and Storage, for intermediate and external packages is required.
607	Special Packaging	Parts delivered on this line item shall be packaged in individual ESD safe containers adequate to protect the device body and leads from normal shipping and handling damage.
608	Packing, Packaging, and Shipment	All packing, packaging and shipment techniques must have Buyer written approval before use and shipment.

609	Printed Wiring Board (PWB)	The Supplier shall ensure that all printed wiring boards are preservation packaged per MIL-P-55110 Level B, sub-method 33 of MIL-STD-2073-1 or as specified on the Purchase Order, drawing or specification. (latest revisions)
610	Tooling and Equipment	All Buyer or Customer furnished tooling or equipment must be controlled, properly stored and maintained.
611	Customer Furnished Materials	All Buyer or Customer furnished materials must be controlled, properly stored, and maintained. Residual material shall be returned upon completion of the order unless otherwise specified on the purchase order. The Supplier shall maintain traceability and inventory records for the furnished materials.

900 Series: Miscellaneous

900	Special Additional Requirements	Additional special provisions are required. Refer to the purchase order.
901	Point of Contact	The focal point for all communications in regard to the purchase order is the Danbury Mission Technologies buyer.
902	Statement of Work	There is a Statement of Work (SOW) associated with this purchase order.
903	Buyer Furnished Parts/Materials	This Purchase Order line item requires Buyer Furnished parts and /or materials for fulfillment. If you do not have these parts/materials in hand, do not start work. If you do not receive these parts within 10 days after receipt of Purchase Order, notify the buyer. When shipping completed line items, include any traceability information that was provided with the part/material.
950	AID (not for Supplier Use)	AID
951	Non-AID (not for Supplier Use)	Non-AID



1. REVISION HISTORY

Revision	Change Originator	Description of Revision and Reason	Effective Date
Original Release	Steven La Barre	Clarified PA codes 100, 103, 110, 112, 209, 302, 310, 319, 320, 321, 405, 503, 513, 527, 901. Cancelled 103, 115, 116, 223, 602 Replaced "Reserved" with "Cancelled" on legacy codes.	8 Sep 2025
2	M. Valenti	Clarified PA Code 521, removed footer note "For Internal Use Only"	22 Sep 2025