

PO QUALITY CLAUSES

QA-01 CERTIFICATION OF COMPLIANCE

CERTIFICATION DOCUMENTS ARE REQUIRED FROM SUPPLIER AND SUB-TIER SUPPLIER, AND SHALL BE IDENTIFIED WITH, AND INCLUDE THE FOLLOWING: OUR PURCHASE ORDER NUMBER, ITEM NUMBER, QUANTITY, LOT NUMBER AND/OR SERIAL NUMBER, D.O.M., PART NUMBER AND REVISION AS SPECIFIED ON PO., SIGNATURE, TITLE, AND DATE BY AN AUTHORIZED REPRESENTATIVE OF THE ISSUING ORGANIZATION

QA-02 MATERIAL CERTIFICATION OF COMPLIANCE (WHEN SPECIFIED)

QA-02A: MUST INCLUDE BOTH MATERIAL CERTS WITH LOT #S AND/OR TEST DATA (IF APPLICABLE) (SEE QA-02B AND QA-02C)— MUST SHOW CHAIN OF CUSTODY PROOF FROM RAW MATERIAL TO FINAL SUPPLIER VIA DOCUMENTED CERTS AND/OR PURCHASE ORDERS. CERTIFICATIONS MUST INCLUDE APPLICABLE MILITARY OR COMMERCIAL SPECIFICATION (IF APPLICABLE), INCLUDING LATEST REVISION OF SPECIFICATION. THIS INCLUDES ULTIMATE PLATING SPECIFICATIONS AS WELL (WHERE APPLICABLE).

QA-02B: EACH SHIPMENT MUST BE ACCOMPANIED BY (1) LEGIBLE AND REPRODUCIBLE COPY OF ACTUAL TEST RESULTS IDENTIFIABLE WITH TEST PARAMETERS AND PRODUCT SUBMITTED. THESE REPORTS MUST CONTAIN THE TEST/INSPECT STAMP OF THE INDIVIDUAL PERFORMING THE TASK, OR THE SIGNATURE AND TITLE OF THE AUTHORIZATION

QA-02C: EACH SHIPMENT MUST BE ACCOMPANIED BY (1) LEGIBLE AND REPRODUCIBLE COPY OF THE RAW MATERIAL CERTIFICATION. THE CERTIFICATION SHALL BE FROM THE MILL SOURCE AND LISTS THE ACTUAL TEST VALUES AND TRACEABLE TO THE HEAT AND COUNTRY OF ORIGIN.

QA-03 RAW MATERIAL TRACEABILITY

ALL ITEMS MANUFACTURED UNDER THIS PURCHASE ORDER SHALL BE TRACEABLE TO RAW MATERIAL USED. TRACEABILITY AND INSPECTOR RECORDS SHALL BE AVAILABLE UPON REQUEST BY ULTI-MATE CONNECTOR INC. IDENTIFICATION OF RAW MATERIAL USED SHALL INCLUDE, AS APPLICABLE, BUT NOT LIMITED TO, THE FOLLOWING TYPE OF INFORMATION: LOT NUMBER, MATERIAL TYPE, SPECIFICATION, HEAT NUMBER, ETC. IN ANY CASE, SUPPLIER SHALL ADEQUATELY IDENTIFY ALL MATERIAL IN SUCH A MANNER THAT FULL TRACEABILITY OF RAW MATERIAL USED IS INCLUDED.

NOTE: SUPPLIER MUST INCLUDE LOT NUMBERS OF MATERIAL SUPPLIED TO THE VENDOR (SUBCONTRACTED ITEMS) AS SPECIFIED IN THE PURCHASE ORDER.

QA-04 PLATING THICKNESS READINGS REQUIRED (WHEN SPECIFIED)

SUPPLIER MUST INCLUDE RESULTS OF A MINIMUM OF 5 PLATING THICKNESS READINGS OF THE ACTUAL PART AND INCLUDE WITH SHIPMENT (PLATING SAMPLES OR TEST SPECIMENS)

QA-05 SPC ON CRITICAL DIMENSIONS IDENTIFIED ON PRINT (WHEN SPECIFIED)

SPC DATA AND X-R CONTROL CHARTS MUST BE INCLUDED WITH SHIPMENT.

QA-06 DFARS COMPLIANCE REQUIRED (WHEN SPECIFIED)

PRODUCT MUST COMPLY WITH DFARS 252.225-7009 - PREFERENCE FOR DOMESTIC SPECIALTY METALS. MELTED IN USA OR QUALIFYING COUNTRY.

QA-07 SOLDERING PER J-STD-001/SOLDERABILITY TEST PER J-STD-002 (WHEN SPECIFIED)

SUPPLIER MUST CERTIFY THAT THE SOLDERING/SOLDERABILITY TESTS PERFORMED (IF APPLICABLE) CONFORM TO ANSI J-STD-001 AND/OR ANSI J-STD-002.

QA-08 ROHS & REACH COMPLIANT MATERIAL REQUIRED-CERTIFICATION NEEDED (WHEN SPECIFIED)

- **QA-08A** MATERIAL MUST BE RoHS COMPLIANT (NICKEL PLATING AND PURE TIN SOLID WIRES ONLY) & REACH COMPLIANT (SUPPLIER MUST COMPLETE REACH SURVEY FOR UMI TO KEEP ON FILE)
- **QA-08B** MATERIAL MUST BE RoHS COMPLIANT (NICKEL PLATING AND PURE TIN SOLID WIRES ONLY)

- **QA-08C** MATERIAL MUST BE REACH COMPLIANT – SUPPLIER MUST COMPLETE REACH SURVEY FOR UMI TO KEEP ON FILE

QA-09 3% MINIMUM LEAD CONTENT REQUIRED (WHEN SPECIFIED)

MATERIAL SUPPLIED IF TIN PLATED MUST HAVE A MINIMUM OF 3% LEAD ALLIED WITH THE TIN (NO PURE TIN ALLOWED).
NOTE: THIS IS NOT RoHS COMPLIANT.

QA-10 FIRST ARTICLE VERIFICATION REQUIRED—SUPPLIER STANDARD FORM (WHEN SPECIFIED)

A FIRST ARTICLE INSPECTION REPORT SHALL BE REQUIRED WHEN ANY OF THE FOLLOWING CONDITIONS ARE PRESENT:

- THE FIRST PRODUCTION UNITS ARE MANUFACTURED FOR A SPECIFIC ITEM.
- THERE IS A REVISION TO THE ITEM MANUFACTURED, IN WHICH CASE ONLY A DELTA FIRST ARTICLE IS REQUIRED FROM THE PREVIOUS FIRST ARTICLE REPORT.
- THERE HAS BEEN A LAPSE OF 5 YEARS SINCE THE LAST MANUFACTURE OF THIS ITEM.
- THERE HAS BEEN A PROCESS OR LOCATION CHANGE IN THE MANUFACTURE OF THIS ITEM.
- THE REPORT SHALL INCLUDE ALL DRAWING CHARACTERISTICS AND NOTES, REQUIRED TOLERANCE RANGE, ACTUAL MEASUREMENT RESULTS, AND WHERE PHYSICAL TESTING IS REQUIRED, THE RESULT OF THE TEST. SUPPLIER MAY USE AS9102 FORMAT OR THEIR OWN STANDARD FORMAT.

QA-11 FIRST ARTICLE VERIFICATION REQUIRED—AS9102 FORMAT (WHEN SPECIFIED)

AS PER QA-10, THE REQUIREMENT IS THE SAME, EXCEPT THE FORMAT USED MUST BE PER AS9102 (INCLUDES ALL ELEMENTS OF AS9102 ALTHOUGH THE FORMAT MAY BE DIFFERENT). COPIES OF AS9102-FAI REPORTS NEED NOT BE DELIVERED WITH PRODUCT, HOWEVER, REPORT MUST BE KEPT ON FILE FOR 7 YEARS AND BE READILY RETRIEVABLE IF ULTI-MATE OR ULTI-MATE CUSTOMERS REQUEST A COPY. THIS REQUIREMENT IS FLOWED DOWN TO ALL SUPPLIER SUB-CONTRACTORS.

QA-12 QUALITY SYSTEM REQUIREMENTS AND FLOWDOWN TO SUPPLIERS

SUPPLIER SHALL IMPLEMENT AND MAINTAIN A QUALITY MANAGEMENT SYSTEM THAT COMPLIES WITH ISO 9001/AS9100 OR AN EQUIVALENT SYSTEM THAT PROVIDES ADEQUATE INSPECTION TO VERIFY THAT THE PRODUCT SUPPLIED IS IN FULL COMPLIANCE WITH THE PURCHASE ORDER REQUIREMENTS AND ALL APPLICABLE SPECIFICATIONS. COMPLIANCE WITH THESE REQUIREMENTS ARE SUBJECT TO AUDIT BY ULTI-MATE CONNECTOR INC. **SUPPLIER WILL FLOW-DOWN ALL APPLICABLE REQUIREMENTS OF THE PURCHASE ORDER TO THEIR SUPPLIERS TO INSURE CONFORMANCE WITH ALL SPECIFICATIONS, DRAWINGS, QUALITY SYSTEM REQUIREMENTS (I.E. ISO9001, AS9100, OR OTHER QMS), REGULATIONS/LAWS, AND OTHER REQUIREMENTS, INCLUDING KEY CHARACTERISTICS, AS MAY BE SPECIFIED IN THE PURCHASE ORDER.**

*****CRITICAL: IF A SUPPLIER HOLDS AN AS9100, ISO 9001 OR SIMILAR QUALITY MANAGEMENT CERTIFICATION, THEY ARE TO ADVISE US IF THEIR CERTIFICATION HAS EXPIRED AS WELL AS SEND US THEIR NEW CERTIFICATIONS UPON THEIR RENEWAL*****

QA-13 NO MRB AUTHORITY GIVEN FOR NON-CONFORMANCES—QUALITY DEPT MUST BE NOTIFIED PRIOR TO ANY DISPOSITIONS OR IMPLEMENTATIONS

SUGGESTED DISPOSITIONS, IDENTIFICATIONS OF CAUSE OF NON-CONFORMANCE, AND THE CORRECTIVE ACTIONS TAKEN SHALL BE SUBMITTED IN WRITING. FURTHER WORK SHALL NOT BE PERFORMED UNTIL DIRECTED BY ULTI-MATE CONNECTOR INC. IN WRITING. SUPPLIER SHALL NOT SHIP NON-CONFORMING MATERIALS **WITHOUT PROPER IDENTIFICATION INDICATING THAT MATERIAL IS NON-CONFORMING AND SHOULD BE SEGREGATED FROM CONFORMING MATERIAL.** ALL NON-CONFORMING MATERIALS SHALL BE CLEARLY IDENTIFIED AS TO THE NATURE OF THE NON-CONFORMANCE(S) WHEN SHIPPED TO UMI.

QA-14 SUPPLIER MUST MAINTAIN APPROVED STATUS ON VENDOR REPORT CARD SYSTEM AND NOT HAVE 3 REPORT CARDS IN A ROW WITH < 60% RATING (WHEN SPECIFIED)

SUPPLIER MUST MAINTAIN APPROVED STATUS WHILE DOING BUSINESS WITH ULTI-MATE. IF FOR 3 QUARTERLY REPORT CARDS IN A ROW, THE RATING FALLS BELOW 60%, THE SUPPLIER IS SUBJECT TO DISQUALIFICATION AND CORRECTIVE ACTION REPORTS WILL BE REQUIRED.

QA-15 UMI SOURCE INSPECTION REQUIRED—NOTIFY UMI QUALITY PRIOR TO SHIPMENT (WHEN SPECIFIED)

ULTI-MATE CONNECTOR INC. WILL INSPECT THE MATERIAL SUBMITTED ON THIS PURCHASE ORDER AT THE SUPPLIER'S FACILITY. SOURCE INSPECTION APPROVAL OR ACCEPTANCE SHALL NOT CONSTITUTE FINAL APPROVAL OR ACCEPTANCE BY ULTI-MATE CONNECTOR INC. OF THE ITEMS COVERED BY THIS PURCHASE ORDER, NOR SHALL IT RELIEVE THE SELLER OF THEIR RESPONSIBILITY TO FURNISH ACCEPTABLE PRODUCT.

QA-16 UMI IN PROCESS SOURCE INSPECTION REQUIRED—NOTIFY UMI QUALITY PRIOR TO CRITICAL PROCESS IS PERFORMED (WHEN SPECIFIED)

CRITICAL PROCESS IS TO BE AGREED UPON BETWEEN VENDOR AND UMI QUALITY AHEAD OF TIME

QA-17 GOVERNMENT INSPECTION (WHEN SPECIFIED)

GOVERNMENT INSPECTION IS REQUIRED PRIOR TO SHIPMENT FROM YOUR PLANT. PROMPTLY NOTIFY THE GOVERNMENT REPRESENTATIVE WHO NORMALLY SERVES YOUR PLANT

QA-18 CONFIGURATION MANAGEMENT

SUPPLIER SHALL NOTIFY BUYER IMMEDIATELY OF ANY CHANGES TO THE CHARACTERISTICS OR CONFIGURATION OF THE PRODUCT AND/OR PROCESSES USED TO MANUFACTURE THE PRODUCT. WHEN REQUIRED, SUPPLIER SHALL OBTAIN WRITTEN APPROVAL OF CHANGES FROM ULTI-MATE CONNECTOR INC.

QA-19 FOD CLEANLINESS PROGRAM REQUIRED-FOR FOD CRITICAL PARTS (WHEN SPECIFIED)

PARTS RECEIVED MUST BE FREE OF FOREIGN OBJECT DEBRIS OR CONTAMINANTS ANYWHERE ON THE PRODUCT. SUPPLIER MUST ESTABLISH A FOD/FOE PROGRAM AT THEIR FACILITY.

QA-20 PACKAGING / HANDLING (WHEN SPECIFIED)

PRODUCT INTENDED FOR DELIVERY TO ULTI-MATE CONNECTOR INC. SHALL BE HANDLED AND PACKAGED IN MANNER AS NECESSARY TO PREVENT DAMAGE DURING HANDLING AND TRANSIT

- **QA-20A:** PKG IN TRAYS--INSPECT TRAYS FOR CLEANLINESS PRIOR TO SHIPMENT
- **QA-20B:** BULK PKG IN BAGS ACCEPTABLE
- **QA-20C:** ONE PER BAG PKG
- **QA-20D:** HAZARDOUS MATERIALS, AS DEFINED BY THE EPA, SHALL BE PACKED AND CLEARLY IDENTIFY IN SUCH MANNER AS TO INCLUDE ANY AND ALL SPECIAL HANDLING, PACKAGING, STORAGE, ENVIRONMENTAL, OR OTHER REQUIREMENTS IMPOSED BY STATUS OF REGULATION. (MSDS MUST BE INCLUDED WITH EACH SHIPMENT.)
- **QA-20E:** ESD PKG REQUIRED PER ANSI/ESD S541
- **QA-20F:** PKG IN BAGS—MAXIMUM PER BAG = 2-2.5 LBS
- **QA-20G:** PKG IN EGG CRATES OR DIVIDERS TO PROTECT DAMAGE TO THREADS
- **QA-20H:** PACKAGE IN REELS OR SPOOLS
- **QA-20I:** TUBES

QA-21 BAR CODE LABELING REQUIRED (WHEN SPECIFIED)

PART NUMBER, DESCRIPTION, QTY AND LOT NUMBER INFORMATION MUST BE INCLUDED IN A LABEL AFFIXED TO THE EXTERNAL OR INTERNAL CONTAINER OF THE PRODUCT. CODE 3 OF 9 BARCODE STANDARD SHOULD BE APPLIED.

QA-22 LIMITED SHELF LIFE MATERIAL (WHEN SPECIFIED)

THE SELLER SHALL IDENTIFY EACH ITEM, PACKAGE, OR CONTAINER THAT HAS A LIMITED-CALENDAR-SHELF LIFE MATERIAL WITH THE MANUFACTURE DATE, STORAGE TEMPERATURE, SPECIAL HANDLING CONDITIONS AND REQUIREMENTS, IN

ADDITION TO THE NORMAL IDENTIFICATION REQUIREMENT OF NAME, PART NUMBER, SPECIFICATION NUMBER, TYPE, SIZE, QUANTITY AND MANUFACTURERS RECOMMENDED SHELF LIFE. THIS IDENTIFICATION, INCLUDING SPECIAL HANDLING CONDITION AND REQUIREMENTS, SHALL BE RECORDED ON CERTIFICATIONS AND SHIPPING DOCUMENTS FOR THE MATERIAL. **MATERIALS AT THE TIME OF RECEIPT AT UMI SHALL HAVE A MINIMUM OF 80% OF THEIR SHELF LIFE REMAINING.**

QA-23 QUALITY RECORDS (APPLIES TO ALL PURCHASE ORDERS)

ALL QUALITY RECORDS ARE TO BE LEGIBLE, REPRODUCIBLE, AND IDENTIFIABLE TO THE PURCHASE ORDER. QUALITY RECORDS ARE TO BE STORED AND MAINTAINED IN SUCH A WAY THAT THEY ARE READILY RETRIEVABLE IN FACILITIES THAT PROVIDE A SUITABLE ENVIRONMENT TO MINIMIZE DETERIORIZATION OR DAMAGE AND TO PREVENT LOSS. THIS APPLIES TO OUR SUPPLIERS AND ANY LOWER-TIER SUPPLIERS. RETENTION PERIOD FOR QUALITY RECORDS IS 10 YEARS UNLESS OTHERWISE SPECIFIED. ULTI-MATE, OUR CUSTOMERS, OR REGULATORY AGENCY REPRESENTATIVE SHALL HAVE ACCESS TO REVIEW QUALITY RECORDS AS THEY PERTAIN TO THIS ORDER.

QA-24 RIGHT OF ENTRY

ULTI-MATE CONNECTOR INC. RESERVES THE RIGHT TO REVIEW *ALL APPLICABLE RECORDS*, CONTROL METHODS AND INSPECT MATERIAL PERTAINING TO THIS PURCHASE ORDER AT THE SUPPLIER'S PLANT AND AT ANY SUB-TIER PLANT. THIS ACCESS RIGHTS SHALL BE EXTENDED TO OUR CUSTOMER AND GOVERNMENT OR REGULATORY AGENCY REPRESENTATIVES.

QA-25 100% INSPECTION REQUIRED FOR ALL PARTS (WHEN SPECIFIED)

ULTI-MATE CONNECTOR INC. REQUIRES THAT ALL PARTS MUST BE 100% VISUALLY INSPECTED FOR COSMETIC DEFECTS, SCRATCHES, BLISTERS, FOD, OR OTHER DAMAGE.

QA-26 EXPORT INFORMATION CLASSIFICATION REQUIREMENTS (WHEN SPECIFIED)

WHEN THIS CLAUSE IS INVOKED, THE SUPPLIER SHALL PROVIDE ULTI-MATE CONNECTOR INC. WITH HARMONIZED TARIFF OR SCHEDULE B COMMODITY CODE INFORMATION, ECCN OR ITAR CLASSIFICATION CODES IF APPLICABLE IF PARTS FALL UNDER COMMERCE OR STATE DEPARTMENT REGULATIONS, COUNTRY OF ORIGIN AND IF NECESSARY NAFTA CERTIFICATE OF ORIGIN.

IF ITAR REGULATIONS APPLY (WILL BE NOTED ON PO), THEN ONLY US PERSONS SHALL BE INVOLVED IN THE MANUFACTURE OF THE ORDER

QA-27 COUNTERFEIT MATERIAL /REQUIREMENT FOR COUNTERFEIT MATERIAL CONTROL

THE SUPPLIER SHALL HAVE PROCESSES AND CONTROL TO ENSURE THAT NO COUNTERFEIT MATERIALS ARE DELIVERED TO ULTI-MATE CONNECTOR INC. OR TO UMI CUSTOMERS. SUPPLIER SHALL HAVE A PROCESS THAT IS COMPLIANT TO **AS5553** AS A WHOLE, AND SPECIFICALLY HAVE PROCESSES IN PLACE SUPPORT ALL THE REQUIREMENTS OF SECTION 4, FROM 4.1 COUNTERFEIT ELECTRONICS PARTS CONTROL PLAN THROUGH 4.1.6 MATERIAL CONTROL. SUPPLIER SHALL MAINTAIN DOCUMENTATION, I.E. CERTIFICATES OF MANUFACTURE, CERTIFICATES OF CONFORMANCE, INDEPENDENT 3RD PARTY TESTING, AND OTHER DOCUMENTATION NECESSARY TO ASSURE TRACEABILITY TO THE ORIGINAL EQUIPMENT MANUFACTURE (OEM). DOCUMENTATION SHALL BE MAINTAINED PER RECORD RETENTION REQUIREMENT FLOW DOWN, AND BE AVAILABLE UPON REQUEST.

SUPPLIERS ARE EXPECTED TO FLOW DOWN THIS REQUIREMENT TO ALL THEIR SUPPLIERS BACK TO THE ORIGINAL MANUFACTURER.

SUPPLIERS ARE REQUIRED TO ASSURE FULL COMPLIANCE THRU AUDITS, 3RD PARTY AUDITS, RANDOM COMPLIANCE TESTING, ETC.

QA-28 C=0 SAMPLING PLAN (WHEN SPECIFIED)

UNLESS OTHERWISE STATED ON THE PO OR DRAWING, SAMPLING INSPECTION PRIOR TO SHIPMENT TO ULTIMATE SHALL BE PERFORMED IN ACCORDANCE WITH MIL-STD-1916. **THIS IS VISUAL INSPECTION ONLY AND DOES NOT DICTATE DIMENSIONAL INSPECTION SAMPLE SIZES. DIMENSIONAL INSPECTION SAMPLING WILL BE DICTATED BY SUPPLIER OWN GUIDELINES.**

UNLESS OTHERWISE INDICATED, NORMAL INSPECTION SHALL BE BASED ON THE C=0 SAMPLING PLAN ATTACHED PER LEVEL III, AQL .65. IF TIGHTENED INSPECTION IS INDICATED, IT SHALL BE BASED ON THE C=0 SAMPLING PLAN PER LEVEL IV, AQL .25.

IN ALL CASES OF AQL SAMPLING INSPECTION, REJECTION OF THE LOT WILL BE ON THE FIRST UNACCEPTABLE PIECE (C=0). THE FULL SAMPLE SIZE INSPECTION SHALL STILL BE PERFORMED, AND THE NUMBER OF REJECTS RECORDED FOR REFERENCE ONLY.

(PLEASE SEE SAMPLING PLAN TABLE ON NEXT PAGE)

C = 0 Sampling Plan

MIL-STD-1916																
Verification Level	VII	VI			V		IV			III		II		I		
INDEX VALUE																
AQL	.010	.015	.025	.040	.065	.10	.15	.25	.40	.65	1.0	1.5	2.5	4.0	6.5	10.0
LOT SIZE	SAMPLE SIZE															
2 TO 8	*	*	*	*	*	*	*	*	*	*	*	*	5	3	2	2
9 TO 15	*	*	*	*	*	*	*	*	*	*	13	8	5	3	2	2
16 TO 25	*	*	*	*	*	*	*	*	*	20	13	8	5	3	3	2
26 TO 50	*	*	*	*	*	*	*	*	32	20	13	8	5	5	5	3
51 TO 90	*	*	*	*	*	*	80	50	32	20	13	8	7	6	5	4
91 TO 150	*	*	*	*	*	125	80	50	32	20	13	12	11	7	6	5
151 TO 280	*	*	*	*	200	125	80	50	32	20	20	19	13	10	7	6
281 TO 500	*	*	*	315	200	125	80	50	48	47	29	21	16	11	9	7
501 TO 1200	*	800	500	315	200	125	80	75	73	47	34	27	19	15	11	8
1201 TO 3200	1250	800	500	315	200	125	120	116	73	53	42	35	23	18	13	9
3201 TO 10,000	1250	800	500	315	200	192	189	116	86	68	50	38	29	22	15	9
10,001 TO 35,000	1250	800	500	315	300	294	189	135	108	77	60	48	35	29	15	9
35,001 TO 150,000	1250	800	580	490	476	294	218	170	123	96	74	56	40	29	15	9
150,001 TO 500,000	1250	800	750	715	476	345	270	200	156	119	90	64	40	29	15	9
500,001 AND OVER	1250	1200	1112	715	556	435	303	244	189	143	102	64	40	29	15	9

*Indicates entire lot must be inspected (100%)

Note: The Acceptance Number in all cases is ZERO.

QA-29 SILVER COATED COPPER WIRE CORROSION CONTROL (RED PLAGUE) (WHEN SPECIFIED)

SUPPLIER MUST ADHERE TO RAYTHEON SPECIFICATION P8658300 CONTROL FOR PREVENTION OF MOISTURE AND WIRE CORROSION ON SILVER PLATED WIRE OR BRAID. PARTS MUST BE DELIVERED IN SEALED BAGS WITH SILVER SAVER PAPER OVER THE WIRE AND/OR DESSICANT INSIDE BAG. CONTACT ULTI-MATE IF THERE ARE ANY QUESTIONS.

QA-30 SUPPLIER'S INSPECTION SYSTEM REQUIREMENTS

SUPPLIER AND SUB-TIERS MUST PERFORM ALL INSPECTIONS AND TESTS NECESSARY TO PROVE PRODUCTS PERFORMANCE TO DRAWINGS, SPECIFICATIONS, CONTRACT REQUIREMENTS, AND INSPECTIONS AND TEST REQUIRED BY THE PURCHASE ORDER. SUPPLIER MUST PROVIDE AND MAINTAIN AN INSPECTION SYSTEM THAT IS DOCUMENTED AND THAT INSPECTION AND TEST RECORDS ARE MAINTAINED. (REF. QA-23) SUPPLIERS MUST BE AWARE OF SPECIAL SYMBOLS THAT ARE NOTED ON THE DRAWING AND CAN REQUEST A COPY OF AS9100-1 FORM FOR EXPLANATION OF SYMBOLS

QA-31 NO CHANGES WITHOUT APPROVAL

SUPPLIER MUST NOTIFY UMI IN WRITING IF THERE IS ANY PLAN OF MAKING CHANGES IN MATERIAL, PROCESS, TOOLING, LOCATION, PERSONNEL (TRAINING) THAT WILL AFFECT FORM, FIT, AND FUNCTION OF THE PRODUCT. PRIOR TO FULFILLING UMI PURCHASE ORDERS, UMI MUST APPROVE ANY/ALL CHANGES IN WRITING.

QA-32 QUALIFIED PERSONNEL FOR SPECIAL PROCESSES (WHEN SPECIFIED)

PERSONNEL PERFORMING SPECIAL PROCESSES (IE SOLDERING, PLATING, ETC) MUST BE CURRENTLY TRAINED OR CERTIFIED TO THE APPLICABLE STANDARDS.

QA-33 CONFLICT MINERALS (WHEN SPECIFIED)

SUPPLIER SHALL COMPLY WITH SECTION 1502 OF DODD-FRANK ACT AND ITS IMPLEMENTING REGULATIONS. SUPPLIER SHALL COMMIT TO HAVE IN PLACE A SUPPLY CHAIN POLICY THAT MAKES A REASONABLE INQUIRY INTO THE COUNTRY OF ORIGIN OF CONFLICT MINERALS INCORPORATED INTO PRODUCTS PROVIDED TO ULTI-MATE, AND TO REPORT THOSE FINDINGS TO ULTI-MATE

QA-34 MERCURY FREE (WHEN SPECIFIED)

SUPPLIER SHALL ENSURE THAT PRODUCT SUPPLIER TO ULTI-MATE SHALL BE FREE OF MERCURY OR ITS CONTMINANTS AT A LEVEL BELOW THE REQUIREMENTS SPECIFIED BY ROHS.

QA-35 MEASURING AND TEST EQUIPMENT

SUPPLIER SHALL BE RESPONSIBLE FOR VALIDATING THE ACCURACY AND STABILITY OF TOOLS, GAUGES, AND TEST TO ANSI/NCSL Z540.3 OR NATIONAL OR INTERNATIONAL EQUIVALENT, WHICH ARE USED TO DEMONSTRATE THAT ITEMS CONFORM. DOCUMENTED SCHEDULES SHALL BE MAINTAINED TO PROVIDE FOR PERIODIC CALIBRATION TRACEABLE TO INTERNATIONAL OR NATIONAL STANDARDS BODIES SUCH AS THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST). OBJECTIVE EVIDENCE OF CALIBRATIONS SHALL BE RECORDED AND MADE AVAILABLE FOR ULTI-MATE TO REVIEW UPON REQUEST. IF CALIBRATIONS LABS ARE USED FOR CALIBRATION OF CERTAIN TEST EQUIPMENT, IT IS PREFERRED THAT THE SUPPLIER USE A CALIBRATION LAB THAT IS ACCREDITED TO ISO/IEC 17025.

QA-36 WORKMANSHIP STANDARDS (WHEN SPECIFIED)

QUALITY WORMANSHIP SHALL BE IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS AND/OR IF NOT IDENTIFIED, WITH J-STD-001 OR AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) CRITERIA. SOLDERING WORKMANSHIP SHALL CONFORM TO IPC-A-610 (CLASS 3) AND CABLE/WIRE HARNESS WORKMANSHIP SHALL CONFORM TO IPC-A-620 (CLASS 3)

QA-37 ELECTROSTATIC DISCHARGE PROTECTION (WHEN SPECIFIED)

SUPPLIER SHALL PROVIDE SAFEGUARDS FOR ALL ELECTROSTATIC DISCHARGE SENSITIVE (ESDS) COMPONENTS AND ASSEMBLIES IN CONFORMANCE WITH MIL-STD-1686 AND MILITARY HANDBOOK DOD-HDBK-263.

QA-38 PRODUCT AND SERVICE CONFORMITY, PRODUCT SAFETY, IMPORTANCE OF ETHICAL BEHAVIOR

SUPPLIER SHALL BE AWARE OF THEIR CONTRIBUTION TO PRODUCT AND SERVICE CONFORMITY AS PER APPLICABLE UMI SPEC AND FLOWDOWN REQUIREMENTS, THEIR CONTRIBUTION TO PRODUCT SAFETY (INCLUDING ANY APPLICABLE FUNCTIONAL OR ELECTRICAL TESTING), AND THE IMPORTANCE OF ETHICAL BEHAVIOR. REFERENCE UMI CODE OF ETHICS AND CONDUCT AT <https://cdn.ultimateconnector.com/download/quality/F-730-001%20Code%20of%20Ethics%20and%20Conduct.pdf>

QA-39 FAR AND DFAR CLAUSES (WHEN SPECIFIED)

WHEN THIS CLAUSE IS CALLED OUT ON THE CONTRACT (PURCHASE ORDER), SUPPLIER MUST REFERENCE FAR AND DFAR CLAUSES LISTD IN UMI WEBSITE AT https://cdn.ultimateconnector.com/download/quality/DFARS_FAR_umi.pdf

REVISION HISTORY

REVISION #	REVISION DATE	DESCRIPTION	APPROVED BY
A	1/12/2012	INITIAL RELEASE	ALEX HORDO
B	1/15/2013	ADDED CLAUSES QA-27, QA-28	ALEX HORDO
C	4/16/2013	ADDED CLAUSE QA-29	ALEX HORDO
D	7/30/2014	ADDED CLAUSES QA-30-QA-32	ALEX HORDO
E	5/6/2015	ADDED (WHEN SPECIFIED) TO VARIOUS CLAUSES. ADDED CLAUSES QA-33 THRU QA-37	ALEX HORDO
F	8/8/2016	UPDATED CLAUSE QA-12 TO ADD THE REQUIREMENT FOR ISO/AS CERTIFIED SUPPLIERS TO SEND US COPIES OF THEIR NEW CERTS. (NOTE: NO OTHER PROCEDURES AFFECTED)	ALEX HORDO
G	9/7/2017	UPDATED QA-04, QA-06, QA-10, QA-12, QA-20, QA-26. ADDED QA-38.	ALEX HORDO
H	10/25/2017	UPDATED QA-28.	ALEX HORDO
J	3/1/2019	UPDATED QA-30—ADDED SUPPLIERS TO BE AWARE OF SPECIAL SYMBOLS AND TO ASK FOR AS9100-1 DOCUMENT FOR EXPLANATION OF SYMBOLS	ALEX HORDO
K	11/18/2019	ADDED QA-39 CLAUSE	ALEX HORDO