

Supplier Quality Assurance Requirements

This document is a supplement to document GP07-001 Supplier Quality Assurance Requirements Manual. Specific SQAR's are applicable per the SQAR Matrix within the SQAR Manual and/or specific SQAR's identified on the Smiths Interconnect Purchase Order.

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SQAR 105 – Certification of Nondestructive Testing (NDT)

Supplier shall certify that NDT was performed in accordance with the applicable specification(s). Where appropriate, the supplier is to retain records reflective certification of personnel, equipment, and process. Certification shall include as applicable:

- Authorized signature and title
- Smiths Interconnect part number and revision
- Smiths Interconnect purchase order number
- Process specification and revision
- Lot, batch, date code or serial number(s)
- Quantity
- Results

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SQAR 149 – Product Release Process

149.1 Scope

Smiths Interconnect product may only be released for shipment from the supplier by either of these methods:

- After Source Inspection by the supplier's approved Self Release (SR) supplier program and delegate.
- After (Smiths Interconnect) Source Inspection by a Smiths Interconnect Approved Source Inspection Agent.
- Before (Smiths Interconnect) Source Inspection services to be performed at the Smiths Interconnect site per the direction of Smiths Interconnect Sourcing Organization. This method requires the inclusion of a shipment-specific Smiths Interconnect Sourcing Organization authorization with the shipper/cert/pack slip.

Smiths Interconnect or Customer Source Inspection approval does not relieve the supplier of the responsibility and/or liability for full compliance with all purchase order/contract requirements.

149.2 Penalties / Fees

Failure to comply with Product Release requirements may result in a receiving inspection fee per shipment received (based on Smiths Interconnect incurred costs – minimum \$500 U.S.), and may incur additional product rejection charges.

149.3 Source Inspection

Suppliers who are not approved to release product shall request source inspection services.

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SQAR 160 – Delegation of Inspection (DOI) / Dock to Stock (DTS)

160.0 Scope

Dock to stock is a program by which product is received directly into the Smiths Interconnect inventory without inspections being performed by Quality. This program is granted to suppliers which meet the following criteria.

Option 1 - Supplier

All product from a supplier will be eligible for DTS given the following requirements are met. This does not apply to product with customer specific requirements for incoming inspection.

DTS is granted when the supplier has provided proof of its control over the process or processes at its site:

- On-site assessment results are satisfactory.
- Three month moving average VPR is ≥ 95 .

For new products from a DTS approved supplier, DTS will be granted under the following conditions

- After three consecutive receipts without non-conformance
Or
- If it demonstrates control of Key Characteristics per SQAR 200.

The supplier may request the suspension of the application of the procedure, if it considers that they can no longer provide the service required.

Smiths Interconnect shall withdraw DTS if:

- The supplier has had 2 major non-conformities (critical dimensions, visual appearance, etc.) during the Smiths fiscal year.
- The supplier informs Smiths Interconnect that it can no longer maintain the operating conditions validated during FAI.

Option 2 - Product

DTS may be granted for an item when Supplier Quality Performance for the item is \geq Lot Acceptance Rate (LAR) for a period of 1 year, except in specific cases related to process criticality.

The acceptance of the order by the supplier means that it is committed to full compliance with the

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requirements of the present document and the individual specifications for the products in question (specs, drawings, etc.).

Components on DTS shall not be subject to submission of the SQAR 127 measurement data, but this report shall be available within 48 hours upon request by Smiths Interconnect.

160.1 Loss of Dock to Stock

Following a non-conformity detected internally or by our customer regarding a DTS article, the DTS status of this article shall be rescinded by Smiths Interconnect.

The supplier shall agree to submit inspection reports to Smiths Interconnect for the next 3 shipments. Otherwise, Smiths Interconnect shall perform the inspection service itself and charge £100 per hour for that service.

Smiths Interconnect Supplier Quality shall validate the supplier's action plan based on the 8D report issued following the incident and shall decide on a return to DTS status as a function of the relevance of the proposed corrective actions as well as the supplier's past history.

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SQAR 166 – Validation of Special Processes

166.1 Scope

This SQAR applies to any purchase order with item(s) which require special processes per the Smiths Interconnect drawing or Purchase Order requirements. Special process may include, but are not limited to, the following:

- Plating and Coating
- Bonding and Sealing
- Crimping
- Force fitting or Shrink fitting
- Forging
- Heat Treatment
- Laminating (composites, ...)
- Measurement methods such as X-Ray
- Other manufacturing special processes could be provided by Customers

Special process shall be qualified based on the test protocol per the requirements of GF06-005 Special Process Protocol and Test form:

- General Characteristics
- Product Characteristics: Key Characteristics, Technical Specifications, Product Configuration
- Process Characteristics: Manufacturing Tools/Devices, Calibrated Equipment, Atmospheric Conditions
- Test Results and Survey: Samples, Phases, Inspections, Control Plan

Suppliers are responsible for compliance to special processing requirements, including process validation, process re-validation after major changes and product verification as specified by the controlling procedure and/or applicable workmanship standards. Special Process requirements are identified on the controlling engineering drawings and purchase orders.

Preferred Suppliers are those who are able to provide test protocol for new special process qualification and/or are certified to international and/or other applicable standards such as:

AS9100 ISO/TS 22163 NADCAP

If a Supplier is not certified to any aforementioned or other standard(s), it will be assessed per the following requirements (ref: GF06-003 Special Process Assessment form):

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SQAR 179 – Government and Customer Directed Source Inspection

179.1 Scope

This SQAR applies to any purchase orders with items reflecting a Government Prime Contract Number. Government Source Inspection is required for these items. The inspection will be accomplished at the Supplier's facility unless otherwise specified on the Purchase Order. The supplier shall make available all necessary specifications, documents, facilities and assistance. Government end-use material subject to SQAR 179 shall not ship without evidence of Government Source Inspection approval unless the prime DCMA office provides alternate instructions in writing.

This SQAR may also be applied to Smiths Interconnect Customer Source inspection; however, Smiths Interconnect customer's quality representatives do not have the authority to approve quantities reflecting a Government Prime Contract Number noted on the Purchase Order unless granted by the Government Contract.

179.2 Government Notification Requirements

Upon receipt of the order containing quantities reflecting a Government Prime Contract Number, promptly notify the Government Source Inspection (GSI) Representative who normally services your facility and provide a copy of the order so that appropriate planning for Government Source Inspection can be accomplished. The GSI Representative shall be notified no more than 7 workdays before completion of the order. If unsure of the DCMA Representative, contact the Smiths Interconnect Buyer immediately.

GSI may request the supplier to furnish all work instructions down to the lowest level(s), including all mandatory government inspection points, prior to the initiation of any work.

179.3 Smiths Interconnect Customer Notification Requirements

Promptly notify the Customer Source Inspection Representative as directed on the Purchase order or by the buyer. Careful attention should be given to planning source inspection to meet Purchase Order schedules. If unsure of the Customer Quality Assurance Representative (QAR), notify the Smiths Interconnect Buyer immediately.

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179.4 Government In-Process Inspection

The DCMA QAR will notify the supplier of where in the process source inspection is required, and reserves the right to inspect product or process at any point along the manufacturing of the product. The supplier shall provide reasonable facilities and inspection equipment for in-process inspection and records where requested.

179.5 Smiths Interconnect Customer In-Process Inspection

The Purchase Order will specify where, in the process, source inspection shall occur by an authorized Customer QAR. The supplier shall provide reasonable facilities and inspection equipment for in-process inspection and records where requested. Supplier shall notify Smiths Interconnect a minimum of 72 hours prior to inspection.

179.6 Pre-Cap Source Inspection

Smiths Interconnect's pre-cap source inspection is required at the supplier's facility. Smiths Interconnect shall be notified ten days prior to the close up or sealing of devices supplied against this order so that Pre-cap / Internal Visual inspection can be performed. Evidence of Smiths Interconnect's Quality representative's certification shall accompany shipment per SQAR 140.

179.7 Evidence of Source Acceptance

Evidence of Source Inspection acceptance for a single shipment will be the authorized stamp or signature on the packing list. If Government Source Inspection / Defense Contract Management Agency:

In addition to an authorized stamp, a letter of delegation (LOD) authority between DCMA offices is required, showing that the specific part number being shipped has been granted GSI delegation. The LOD authority must be linked to the part numbers and quantities that have been granted delegation. Where the total PO quantity is greater than the quantity pegged to the Government Prime Contract(s) Number, the LOD will be issued for the quantities associated with the Prime Contract(s) only.

GSI acceptance of a lot of parts, which is greater than the quantity of parts being shipped, is allowed only if the evidence of GSI acceptance can be traced to each part in subsequent shipments. This can only be done if parts and GSI accepted document are marked with serial numbers or lot numbers as required by print or manufacturer's assigned traceable numbers.

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Government and Commercial items shall be segregated prior to presenting to GSI for Inspection. The shippers for GSI and non-GSI quantities shall be kept separate for GSI acceptance.

If NASA Source Inspection:

The NASA quality representative shall be notified immediately upon receipt of this order. NASA or its designated representatives shall be notified 48 hours in advance of the time articles are ready for inspection or test. Inspection (in-process, pre-cap and/or final) is required prior to shipment from the supplier's facility.

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SQAR 250 – Advanced Product Quality Planning (APQP)

250.1 Applicability

APQP requirements apply to any Smiths Interconnect part number being made for the first time by a supplier. The requirement shall continue to apply during ongoing production. Where a purchase order holder subcontracts some/all of the manufacture of an item, the PO holder shall be responsible for the compliance of their sub tier(s) to the requirements of this SQAR.

250.2 Requirements

Purchase order holder (supplier) shall comply with AS9145 -REQUIREMENTS FOR ADVANCED PRODUCT QUALITY PLANNING AND MANUFACTURING READINESS PROCESS and the requirements of this SQAR.

APQP/MRR activity shall begin immediately upon receipt of a purchase order for a part number being made for the first time by the supplier.

MRR requirements will be defined by the responsible Quality Engineer and detailed within the Parts Submission Warrant, document GF08-004, and shall be completed in accordance with the schedules provided in applicable APQP program documents.

250.3 Process

The PSW will be approved by the responsible Quality Engineer after the supplier demonstrates the ability to produce conforming hardware while incorporating the APQP tools. Supplier shall maintain records of compliance to APQP/MRR requirements.

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SQAR 251 – Process Failure Modes and Effects Analysis

251.1 Requirement

The supplier shall perform a risk assessment of their manufacturing process using the Process Failure Modes and Effects Analysis (PFMEA) methodology per AIAG FMEA (Current Revision) or equivalent.

After initial PFMEA analysis, mitigation plan development and implementation, the supplier shall update the PFMEA for the affected processes for the following changes.

- A design change affecting form, fit or function
- A change in manufacturing locations, processes or inspection methods
- A lapse in production of 2 years or more
- A breakdown in process that allows non-conforming material to be delivered to Smiths Interconnect

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SQAR 305 – Part Marking Requirements

The material on this purchase order must be permanently identified with the part number and revision letter in accordance with MIL-STD-130. This provision will take precedence over drawing or specification requirements.

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SQAR 325 – Electronics Solder Requirements

Product covered under this Purchase Order is to be assembled and soldered per ANSI/J-STD-001 Revision (latest), Class 3, (Standard Requirements for Soldered Electrical & Electronic Assemblies), and acceptance criteria based on IPC-A-610 Revision (latest) and applicable Smiths Interconnect “M” specification, to the class as specified on the PO. Workmanship and testing also shall conform to the class of IPC-A-610 specified on the purchase order. Any exceptions or deviations must be delineated on the Smiths Interconnect drawing and / or Smiths Interconnect specification.

If solder testing is required per the drawing/specification then the parts must meet the applicable soldering requirements of the specification listed below:

PRODUCT TYPE	SPECIFICATION	METHOD
SEMICONDUCTORS	MIL-STD-750	2026
MICROELECTRONICS	MIL-STD-883	2003
RIGID PRINTED WIRING BOARDS	MIL-P-55110	PARA 3.7.4.5
RIGID FLEX PRINTED WIRING BOARDS	MIL-P-50884	PARA 3.4.6
FLEXIBLE PRINTED	MIL-P-50884	PARA 3.4.6
ALL OTHER PARTS	MIL-STD-202	208
WHEN REQUIRED BY PURCHASE ORDER	MIL-STD-2000	PARA 5.4.4

Components shall have been tested to the requirements listed in the above table within 18 months of the date Smiths Interconnect receives the components. The soldering test date (month and year) shall be noted on the Certificate of Conformance supplied with each shipment.

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SQAR 326 – Electronics Marking Requirements

If marking permanency is required per the drawing/specification then the parts must meet the applicable marking permanency (resistance to solvents) requirements of the respective specifications:

PRODUCT TYPE	SPECIFICATION	METHOD
Semi-Conductors	MIL-STD-750	1022
Micro-Electronics	MIL-STD-883	2015
Rigid Printed Wiring Boards	MIL-P-55110	PARA 3.5.4
Rigid Flex Printed Wiring Boards	MIL-P-50884	PARA 3.4.4
Flexible Printed	MIL-P-50884	PARA 3.4.4
All Other Parts	MIL-STD-202	215

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SQAR 329 – Hardness Critical Item

The parts contain Critical Characteristics shown as Hardness Critical Item / Hardness Critical Process (HCI/HCP). No substitutions or deviations are permitted.

SQAR 335 – Tape and Reeled Components

Surface mount or axial lead components shall be tape and reeled in accordance with table below. For order quantities less than 1000; bulk, ammo or rail packaging is acceptable.

Number	Carrier Type	Standard	Requirement
1	Embossed Carrier Taping	EIA 481	Surface mount components shall be supplied on tape and reel in accordance with EIA 481.
2	Axial Lead Taping	EIA 296	Axial lead through hole components shall be supplied on tape and reel in accordance with EIA 296.
3	Radial Lead Taping	EIA 468	Radial lead through hole components shall be supplied on tape and reel in accordance with EIA 468.
4	JEDEC Trays	JEDEC CO-029, etc	Integrated Circuits shall be supplied on JEDEC antistatic trays

Product shall be supplied on Tape and Reel with a minimum 6" leader and 6" tail unless otherwise instructed by the Smiths Interconnect procuring agent for modified packaging requirements.

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SQAR 354 – Electrostatic Discharge Requirements

For ESDS (Electrostatic Discharge Sensitive) items, the Supplier shall establish and maintain a written electrostatic discharge control program for the control of Electro-Static Discharge (ESD) during fabrication, handling, and packaging of electrical and electronic parts, assemblies, and equipment. The program shall be based on and meet the intent of ANSI/ESD S20.20 (or equivalent), or JESD625, or MIL-STD-1686.

Material shall be packaged using electrostatic protective material. Outer packages shall be plainly marked with an ESD warning notice. Connectors shall be fitted with ESD protective caps and external terminals shall be shorted together or protected with ESD foam.

SQAR 385 – Printed Circuit Board (PCB) Testing

The Supplier shall perform continuity and circuit short testing on all double-sided and multi-layer Printed Circuit Boards (PCBs) before shipping to Smiths Interconnect.

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SQAR 407 – Military Customer First Article Inspection

Verification of First Article by the Military customer (military quality assurance and/or Defense Contract Management Agency) is required. The Smiths Interconnect Quality Assurance Point of Contact will coordinate First Article inspection by the Military customer at the supplier.

If FAR 52.209-03 is required, coordinate with your Smiths Interconnect Quality Assurance point of contact or your Smiths Interconnect Buyer for the required First Article Testing (FAT) and Inspections. Requirements are documented in the Customer Purchase Order.

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SQAR 450 – Measurement System Analysis (MSA)

450.1 Requirement

The supplier shall perform Gage R&R studies in accordance with AIAG MSA (Current Revision) for gauges used to perform acceptance or rejection of features identified as Key Characteristics (per SQAR 200).

Acceptability shall be determined by the following table.

Gage R&R Percentage	Decision	Comments
Under 10%	Acceptable	Gauge is suitable for use.
Between 10% to 30%	May be acceptable for some applications	Requires approval by Smiths Interconnect prior to use.
Over 30%	Not Acceptable	Gauge system is not suitable for measurement strategy.

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SQAR 509 – Manufacturing Readiness Review

509.1 Requirement

A joint Smiths Interconnect and Supplier Manufacturing Readiness Review (MRR) shall be conducted at the supplier's facility prior to the start of manufacturing when required by the Purchase Order (PO) or Statement of Work (SOW). The supplier shall submit the MRR data package to the Smiths Interconnect Buyer a minimum of 10 days in advance of the scheduled MRR.

509.2 MRR Objective

The MRR objective is for the supplier to demonstrate the overall production readiness prior to manufacturing, and to ensure that items to be manufactured will meet the requirements of the PO, SOW, engineering drawings and engineering specifications. The supplier shall demonstrate that all necessary manufacturing plans, inspection plans, travelers (build documentation), tooling, facilities, and other resources are in place and available to ensure meeting all quality and design requirements within the negotiated program budget and schedule.

509.3 MRR Team

The supplier MRR team shall consist of representatives from the management and the technical functions. The management functions shall include the contract administrator and responsible project engineer as a minimum. The technical representatives shall include design engineer/representative, manufacturing engineer/representative, and quality engineer/representative as a minimum.

509.4 MRR Presentation

The MRR presentation shall address the following items as a minimum:

- Supplier Project Team Organization with key personnel identified
- Overall Program Schedule including current status
- Procurement status including all sub-tier suppliers, and if applicable, Qualification status
- Manufacturing milestone schedule
- Action Item Status/Review
- Design Status (as applicable) including current status, trade-offs, producability studies, lessons learned, etc.

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- Detailed Manufacturing Flow Diagram including supplier inspection points and Buyer Mandatory
- Inspection Points (MIP).
- Manufacturing Documentation Status
- Inspection Documentation Status
- Test Documentation Status
- Tooling needs and statuses including drawing status, build status, calibration status, etc.
- Facilities Readiness including layout and capacity (including plant tour during MRR)
- Operators and Inspectors training
- Overall Project Risk Assessment; technical, cost, schedule. Should include any plans to mitigate risks identified.
- Any additional requirements to be part of the presentation as defined in the PO/SOW

509.5 MRR Data Package

The MRR data package shall include the following as a minimum:

- Copy of MRR presentation
- Any Subcontractor (Supplier) Data Requirements List (SDRL) items as defined in the PO/SOW

509.6 MRR Supporting Documentation

The following documentation, as a minimum, shall be available for review at the MRR:

- Supplier Drawings and Specifications (as applicable)
- Traveler(s)/Build Documentation
- Test Procedures (as applicable)
- Inspection Procedures
- Tooling Drawings

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SQAR 528 – Homogeneous Material Requirement

All material supplied under this specification number shall be homogeneous. Homogeneous supplies are defined as material that is produced:

- To the same design as defined by the buyer and seller's documentation;
- From the same material as defined by the applicable material specification.

When alternate materials are allowed by the purchase order and associated documents, the supplier must certify to a specific alternate.

After material has been submitted to Smiths Interconnect, the supplier may not change alternates without prior written approval from Smiths Interconnect.

The supplier is not restricted to any source of supply of raw material as long as the material meets the applicable specifications; by the same manufacturing process as defined by the seller's manufacturing plan. Changes in manufacturing location or production discontinuities of one month or more violate this requirement.

All manufacturing process sheets shall have a revision date not later than the date of the initial shipment of supplies to Smiths Interconnect, and the process used to manufacture the initial product shipment and all shipments thereafter.

Departure from these requirements, including changes suggested by Smiths Interconnect, must be approved in writing by Smiths Interconnect's Quality Engineering department prior to such departure.

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SQAR 529 – Delegation of MRB Authority

The supplier is hereby granted authority to perform Material Review Board (MRB) actions on material not in conformance. Results of the MRB action shall be submitted to the Buyer with each shipment of the affected material.

- Supplier shall furnish one copy of all Material Review reports to Buyer's Supplier Quality Engineering Department via Buyer's Purchasing Department. One copy of each Material Review action shall be included with the shipment of affected material. These reports shall list in detail the salvage methods utilized, if applicable.
- Final review authority over Supplier's Material Review decisions is retained by Smiths Interconnect.
- The Supplier shall not make substitution of Material Review members or delegate Material Review authority to subcontractors performing work on Buyer parts without advance written authorization from Buyer.
- Supplier Material Review action is not allowed when interchangeability, external configuration, function, service life, safety, reliability, or point of attachment to Buyer assemblies are affected.

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SQAR 532 – Cosmetic Part – Visual Inspection Requirement

Obvious blemishes (e.g., digs, pits, scratches, etc.) are not permitted. Parts should be packaged individually or in containers using dividers. Suppliers shall ensure that inspection practices include a thorough visual examination of product and shall refer to site specific workmanship specifications where available.

SQAR 534 – Paint / Plating Thickness Test Required

Painting or plating thickness tests shall be conducted on the item(s) on this order by the painting or plating supplier. Painting or plating thickness test data shall be provided with the shipment.

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SQAR 536 – TSO / PMA Tags

If the supplier holds certification (TSO/PMA/TC), the supplier is responsible for assigning and maintaining serial number control. If Smiths Interconnect holds the certification (TSO/PMA/TC), the supplier shall assign serial numbers sequentially beginning with serial number 1001, or as otherwise directed in the Purchase Order.

For product with supplier held TSO/PMA, the supplier shall provide an FAA Form 8130-3 or equivalent Airworthiness Approval Tag with each product, or for large shipments a single FAA Form 8130-3 or equivalent covering the range of serial numbers shipped. If the Smiths Interconnect part number differs from the TSO/PMA/TC approved part number, the Smiths Interconnect part number shall be referenced on the 8130-3 or equivalent form (it is acceptable to use Remarks Section 13). For individual products, the original certification shall be attached to the exterior of each product container in a protective envelope or inside the box provided that a stamp/label on the box exterior indicates the enclosure. For products covered under a range certification, a copy of the certificate shall be attached to the exterior of each product container in a protective envelope or inside the box provided that a stamp/label on the box exterior indicates the enclosure.

Smiths Interconnect will specifically request suppliers to provide 8130-3 tags to each country to which the products are shipped if they are not shipped to domestic customers. In case of products that are to be shipped to any of EU customers and if those products require TSO certification and/or supplier holding TSO approvals for the products, such suppliers shall provide a FAA Form 8130-3 containing a reference to the FAA TSO. Authorization number in remarks block. This is per EASA regulation 5.1.6b (2) which states that each new appliance exported to the EU with FAA Authorized Release Certificate shall have an FAA Form 8130-3 containing a reference to the FAA TSO Authorization number in the remark block.

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SQAR 542 – Diodes – Metallurgical Bond

During performance on this order, your control of device lot traceability documentation and your inventory control for MIL-S-19500F JAN branded devices are subject to review, validation and verification by an authorized Government representative. Government release of shipment is not required unless you are otherwise notified.

MIL-S-19500 diodes shall be constructed using only a metallurgical bond between the die and the header.

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SQAR 557 – X-Ray Film Required

Radiographic film, (uncut sheets), digitized film or digital radiograph, with penetrometers intact, is required. The media and marking shall include:

- device manufacturer
- device type
- production lot code or date code
- radiographic film / digitized film / digital radiograph view number and date
- device serial number or cross reference list, and
- X-ray/digitizer laboratory identification (if other than manufacturer).

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SQAR 604 – Provisions for 100% inspection required

Supplier is required to perform 100% inspection to ensure compliance to drawing and specification requirements. Objective evidence of this inspection must be maintained on file and available for Smiths Interconnect review, and traceable to the individual doing the inspection operation.

Reference to 100% inspection to be included in CoC and package labeling.

SQAR 605 – Provisions for Handling and Packaging of Precious Metals

605.1 Handling

Items on this order are precious metal parts or stock and shall be handled and stored in accordance with PTM-25. When items from the order are removed from the original manufacturers or suppliers packaging, the intermediate packaging shall be of equivalent protection as the original packaging and shall be marked to indicate handling and storage per PTM-25.

605.2 Packaging

Items on this order are considered precious metal parts and/or stock and shall be packaged to prevent environmental contamination. Outer packages shall be marked to indicate precious metal parts and/or stock.

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SQAR 606 – Internal Source Inspection Required

606.1 Scope

Product requires a Smiths Interconnect Source Inspection, as shown in the chart below:

SQAR dash	Description
606-1	Precap Source Inspection
606-2	In-process Source Inspection
606-3	Final Source Inspection

Note: More than one dash number may apply.

606.2 Process

The supplier shall notify the Buyer a minimum of 5 days in advance of when the material will be ready for Smiths Interconnect Source inspection. If the material will not be ready for Smiths Interconnect source inspection on the scheduled date the supplier shall notify the Smiths Interconnect Buyer at the earliest possible date and as a minimum 24 hours before he scheduled inspection.

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SQAR 607 – Sulfur Content

Sulfur content of sponges shall be less than 100 parts per million. Certifications to this requirement shall be provided with each shipment

SQAR 610 – Smoke and Fire Requirements EN 45545 (molded plastic parts) Materials

The supplier shall:

- Provide a Material Certification (chemical composition) or a Certificate of Conformance (per SQAR) compliant according to the technical data sheet from the manufacturer.
- Inform Smiths Interconnect about technical, or description, or of manufacturing location changes with an UNIFE declaration (www.unife.com) or EN 45545-2 test report compliant to R22 R23 requirements dated less than 5 years. www.certifer.fr

If the standard parts are not accompanied upon delivery by all of the requested documents, and if the supplier cannot transmit the requested documents for production parts, Smiths Interconnect shall return the articles as a non-conformity.

Copies of the documents are requested with the parts and shall be send by E-mail or fax to the Purchasing / QA Departments.

Repeated cases of missing documents may cause the supplier to be placed on a 'Not Approved' status and not eligible for new business.

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Change History

Revision	Initiated by	Date	Description of Change / Reason
A	W. Stull	23-MAY-2019	Initial Release
B	W. Stull	22-JUN-2019	Revised SQAR's 200, 220, 300, 509
C	W. Stull	15-JAN-2020	Clarified SQAR 165., SQAR 200.3 ,
C	Luis R.	15-Jan-2020	Update release date per GCMS 2020-2301 – No rev change needed
D	B. McCourt W. Stull	12-Aug-2020	Added US Government FAR DFAR Provisions Rewrite of SQAR 230 (FAIR) to provide clarity of requirements.
E	W. Stull	29-Apr-2021	General review. No significant changes made.
F	Luis R.	12-Jul-2023	Modify SQAR 601 – Add section 601.3 to detail verification activities to Specialty Metals flow-down to suppliers
G	W. Stull	31-JUL-2023	Moved mandatory and commodity specific SQAR's to GP07-001 (SQAR Manual)