COMMODITY CLASS	COMMODITY CATEGORY	COMMODITY CODE	SIMPLE DEFINITION
Chemicals/Adhesives/Oils	COTS-Chemicals/Adhesives/Oils/Paint	ADHESIVES	The commodity ADHESIVES is meant for COTS adhesives, promoters, glues, epoxy, bonding agents, and other chemicals whose primary purpose is bonding.
Chemicals/Adhesives/Oils	COTS-Chemicals/Adhesives/Oils/Paint	CHEMICAL	The commodity CHEMICAL is meant for COTS chemicals which do not fall into any chemical subcategories such as POL, PAINT, or ADHESIVES. Includes cleaners, dessicant, solvents, and other chemicals.
Chemicals/Adhesives/Oils	COTS-Chemicals/Adhesives/Oils/Paint	POL	The commodity POL is meant for COTS items and stands for Petroleum, Oil, Lubricants. Includes supplies and equipment for POL items.
Chemicals/Adhesives/Oils	COTS-Chemicals/Adhesives/Oils/Paint	TAPE	The commodity TAPE is meant for COTS tape and adhesives used in the application of tape. TAPE is not meant for other adhesives or chemicals.
Chemicals/Adhesives/Oils	COTS-Chemicals/Adhesives/Oils/Paint	PAINT	The commodity PAINT is meant for COTS items used in the painting process such as paint, primers, putty and coatings.
Electrical	COTS-Hardware-Electrical	ADAPTER ELECTRICAL	The commodity ADAPTER ELECTRICAL is meant for COTS electrical components that adapt power, wire gauge, connector size, etc.
Electrical	COTS-Hardware-Electrical	BATTERY	The commodity BATTERY is meant for COTS batteries and battery hardware for charging, maintaining, cleaning, etc.
Electrical	COTS-Hardware-Electrical	CABLE	The commodity CABLE is meant for COTS electrical cables, cords, and grounding straps.
Electrical	COTS-Hardware-Electrical	CAPACITOR	The commodity CAPACITOR is meant for COTS capacitors only.
Electrical	COTS-Hardware-Electrical	CIRCUIT BREAKER	The commodity CIRCUIT BREAKER is meant for COTS circuit breakers and circuit breaker hardware only. It is a subcategory of HARDWARE ELECTRICAL.
Electrical	COTS-Hardware-Electrical	CLOCK/OSCILLATOR	The commodity CLOCK/OSCILLATOR is meant for COTS RF oscillators and RF oscillator hardware only. It is a subcategory of HARDWARE ELECTRICAL.
Electrical	COTS-Hardware-Electrical	CONNECTOR ELECTRICAL	The commodity CONNECTOR ELECTRICAL is meant for COTS devices used in the electrical fabrication process to establish secure electrical connections between electrical components. This includes terminal lugs and terminal blocks.
Electrical	COTS-Hardware-Electrical	DATA STORAGE	The commodity DATA STORAGE is meant for COTS devices that are components of electrical systems
Electrical	COTS-Hardware-Electrical	FIBER OPTIC	The commodity FIBER OPTIC consists of COTS electrical hardware and includes transceivers, attenuators and other fiber optic hardware.
Electrical	COTS-Hardware-Electrical	FILTER ELECTRICAL	The commodity FILTER ELECTRICAL is meant for COTS hardware used in electronic applications and includes bandpass, EMI, RF, and microwave filters.
Electrical	COTS-Hardware-Electrical	FUSE	The commodity FUSE is composed of COTS equipment used as an electrical safety device for electrical fabrication and assembly.
Electrical	COTS-Hardware-Electrical	HARDWARE ELECTRICAL	The commodity HARDWARE ELECTRICAL is meant for COTS physical components of electrical systems that do not fit in other COTS electrical commodities. Includes electrical standoffs or posts.
Electrical	COTS-Hardware-Electrical	LAMP	The commodity LAMP is meant for COTS electrical hardware that includes lights, indicators, beacons, flashlights, and light assemblies.
Electrical	COTS-Hardware-Electrical	METER	The commodity METER is meant for COTS items that are used as electrical measurement devices by sending a signal to other devices that read that signal.
Electrical	COTS-Hardware-Electrical	MICROCIRCUIT	The commodity MICROCIRCUIT is meant for COTS compact electrical components such as micro-electronic components, amplifiers, attenuators, integrated circuits, microcircuits, mixers, and regulators.
Electrical	COTS-Hardware-Electrical	MICROWAVE	The commodity MICROWAVE is meant for COTS electrical components associated with microwaves such as absorbers, attenuators, doublers/multipliers, and mixers.
Electrical	COTS-Hardware-Electrical	PWR SUPPLY	The commodity PWR SUPPLY is meant for COTS electrical hardware meant to generate power such as generators, transformers, inducters, and power strips.
Electrical	COTS-Hardware-Electrical	RELAY	The commodity RELAY is meant for COTS electrical hardware switches that convert small electrical timuli into larger currents that are used in electrical assemblies.
Electrical	COTS-Hardware-Electrical	RESISTOR	The commodity RESISTOR is meant for COTS electrical resistors that create resistance in the flow of an electric current, used in electrical assemblies.
Electrical	COTS-Hardware-Electrical	SERVO	The commodity SERVO is meant for COTS electrical hardware that is either a servomechanism or other error detection hardware that uses error-sensing negative feedback to correct the action of a
Electrical	COTS-Hardware-Electrical	SOLDER	The commodity SOLDER is meant for COTS equipment and tools used in the soldering process. This includes soldering kits, irons, and guns.
Electrical	COTS-Hardware-Electrical	SWITCH	The commodity SWITCH is meant for COTS electrical/pressure switches, breakers, and toggles, used as components in electrical assemblies.
Electrical	COTS-Hardware-Electrical	WIRE	The commodity WIRE is meant for COTS electrical wires. WIRE is not meant for cables, rope, straps, thermal insulation, wiring devices, or cable assemblies.
Electrical	COTS-Hardware-Electrical	WIRING DEVICE	The commodity WIRING DEVICE is meant for COTS electrical wiring devices. This includes wiring sleeves, ducts, conduits, terminal blocks, and wiring accessories. WIRING DEVICE is not meant for wires, thermal insulation, cables, or cable assemblies.
Electrical	COTS-Systems, Electrical	COMMUNICATION EQUIP	The commodity COMMUNICATION EQUIP is meant for typically COTS Satcom equipment, and any direct or supporting items that are in communication group; Speakers, headsets, radios, etc.
Electrical	COTS-Systems, Electrical	GUI	The commodity GUI is meant for graphical user interface software for electronic devices. GUIs include operating system software like Windows, etc.
Electrical	Electrical Fabrication	CABINET	The commodity CABINET is meant for custom-fabricated cabinets including but not limited to electrical
Electrical	Electrical Fabrication	CABLE ASSY HARNESS ELECTRICAL	The commodity CABLE ASSY HARNESS ELECTRICAL is meant for custom fabrication drawing electrical cables or series of cables in a harness. Typically a kit of wires for specific application such as Antenna,
Electrical	Electrical Fabrication	CIRCUIT CARD ASSY	The commodity CIRCUIT CARD ASSY is meant for fully assembled circuit cards only. Printed wiring boards should be directed to PWB. T
Electrical	Electrical Fabrication	ELEC ASSY	The commodity ELEC ASSY is meant for both COTS and custom fabricated, primarily electronic, assemblies and their installation. These assemblies also include enclosure (box) assemblies, current-
Electrical	Electrical Fabrication	MOTOR	The commodity MOTOR is meant for COTS or custom Fabricated fully assembled electric motors.
Electrical	Electrical Fabrication	PWB	The commodity PWB is meant for custom-fabricated, fully assembled, Printed Wiring Boards. PWB is not to include circuit card assemblies or components of printed wiring boards.
Electrical	Electrical Fabrication	SEMICONDUCTOR	The commodity SEMICONDUCTOR is meant for COTS or custom electrical assemblies including micro-electronic components, diodes, semiconductors, transistors, and inductors. .

Electrical	Electrical Fabrication	SENSORS	The commodity SENSORS is meant for both COTS and custom-fabricated hardware and systems that include sensors, navigation instruments, and search and data acquisition equipment.
Electrical	Electrical Fabrication	SUBSTRATE	The commodity SUBSTRATE is meant for custom fabricated substrate, ceramic, or waffer bases of IC packages.
Electrical	Electrical Systems	AVIONICS	The commodity AVIONICS is meant for COTS equipment, electronics, and hardware pertaining to aircraft operation, may also include custom avionics equipment.
Electrical	Electrical Systems	ANTENNA	The commodity ANTENNA includes COTS and custom fabricated antenna parts. Can be COTS items for ships, horns, etc. Can be custom fab for shelter system or Shadow.
Electrical	Electrical Systems	COMPUTER	The commodity COMPUTER is meant for COTS and custom-fabricated electronic products such as computers, laptops, tablets, and servers.
Electrical	Electrical Systems	DISPLAY	The commodity DISPLAY is meant for COTS equipment used within electrical systems in which visual output is generated from computers. This includes devices such as monitors and screens.
Electrical	Electrical Systems	SOFTWARE	The commodity SOFTWARE is meant for COTS and custom software products including miscellaneous software, downloads, licenses, and subscriptions.
Facility supplies	Facility & Shop Supplies	FURNITURE	The commodity FURNITURE is meant for COTS equipment, used either as office furniture or used within mechanical systems as unmanned vehicle control seating.
Facility supplies	Facility & Shop Supplies	LABEL	The commodity LABEL is meant for COTS items used for labeling items in the shop.
Facility supplies	Facility & Shop Supplies	OFFICE SUPPLY	The commodity OFFICE SUPPLY is meant for COTS items that are needed in the office. This can include items such as ink, computer accessories such as keyboards and mice, scissors, etc.
Facility supplies	Facility & Shop Supplies	PACKAGING MATERIAL	The commodity PACKAGING MATERIAL is meant for COTS items that are used in packaging items up, such as boxes and tape.
Facility supplies	Facility & Shop Supplies	SAFETY	The commodity SAFETY is meant for COTS safety/ppe equipment and supplies for use in the office or shop.
Facility supplies	Facility & Shop Supplies	SHOP SUPPLY	The commodity SHOP SUPPLY is meant for COTS, usually depletable, supplies used in the shop. This includes supplies such as sandpaper, mixing cups, or coffee.
Facility supplies	Facility & Shop Supplies	WELDING SUPPLIES	The commodity WELDING SUPPLIES is meant for COTS equipment and tools used in the welding process. This includes welding apparel, masks, torches, and kits.
Mechanical	COTS-Hardware-Electrical	CONNECTOR MECHANICAL	The commodity CONNECTOR is meant for COTS hardware used for the purpose of joining mechanical parts. This includes pipe and tube connectors.
Mechanical	COTS-Hardware-Mechanical	ADAPTER MECHANICAL	The commodity ADAPTER MECHANICAL is meant for COTS mechanical components that adapt pipes, tubes, fittings, mechanical connections and more.
Mechanical	COTS-Hardware-Mechanical	BEARING	The commodity BEARING is meant for COTS bearings only. Examples include ball bearings, roller bearings, sleeve bearings, and any other types of bearings.
Mechanical	COTS-Hardware-Mechanical	BELLS	The commodity BELLS refers more so to any COTS part whose primary purpose is to emit noise. This can include, bells, horns, antenna horns, alarms, warning signals, and other noice emitting devices.
Mechanical	COTS-Hardware-Mechanical	CHAIN	The commodity CHAIN is meant for COTS chains, links, or other metal portions or assemblies of chains. Used for tie downs, gates, locks, winches, etc.
Mechanical	COTS-Hardware-Mechanical	FILTER MECHANICAL	The commodity MECHANICAL FILTER is meant for physical COTS hardware that are used to filter particles. Includes air and fuel filters.
Mechanical	COTS-Hardware-Mechanical	GASKET	The commodity GASKET is meant for COTS hardware used as mechanical seals. This includes O-ring gaskets.
Mechanical	COTS-Hardware-Mechanical	HARDWARE MECHANICAL	The commodity HARDWARE MECHANICAL is meant for physical COTS parts used in mechanical structures that do not fit in other COTS mechanical commodities. Includes hardware such as screws, nuts, or washers. Vendor part numbers will be most common.
Mechanical	COTS-Hardware-Mechanical	HEAT SINK	The commodity HEAT SINK are COTS mechanical hardware products used as a cooling device. This includes heat sinks, heat fans and other cooling devices.
Mechanical	COTS-Hardware-Mechanical	INSTRUMENT	The commodity INSTRUMENT is meant for COTS equipment and tools used for the purpose of inspection. Includes devices such as gauges.
Mechanical	COTS-Hardware-Mechanical	PROPELLER	The commodity PROPELLOR is meant for COTS propellors/blades typically for marine or aircraft applications.
Mechanical	COTS-Hardware-Mechanical	ROPE	The commodity ROPE is meant for COTS items that include ropes, straps and lanyards. ROPE not meant for cables, wires, winch systems, hoist lines, or mechanical/electrical cable assemblies.
Mechanical	Mechanical Fabrication	ADDITITVE MANUFACTURE	The commodity ADDITIVE MANUFACTURE is meant for the custom fabrication of metal and non-metal parts or components that are made from 3D Printing processes such as Fused Deposition Modeling (FDM), Stereolithography (SLA), Selective Laser Sintering (SLS), and Binder Jetting
Mechanical	Mechanical Fabrication	CABLE ASSY HARNESS MECHANICAL	The commodity CABLE ASSY HARNESS MECHANICAL is meant for primarily COTS cables and custom fabrication with a primary mechanical function. These are cables that do not have electrical, rf, or any
Mechanical	Mechanical Fabrication	OVF	The commodity OVF is meant for custom-fabricated parts that are in the finishing stages of fabrication. This includes coating and repair services.
Mechanical	Mechanical Fabrication	GEAR	The commodity GEAR is meant for custom-fabricated gears in relation to mechanical systems as components of power and drive trains.
Mechanical	Mechanical Fabrication	HINGE	The commodity HINGE is meant for both COTS and custom-fabricated hinge parts used in mechanical fabrication assemblies.
Mechanical	Mechanical Fabrication	MACHINING	The commodity MACHINING is meant for custom-fabricated parts that have been milled, turned, mill-turned, drilled, reamed, grinded, etc from blocks of metal. Machining is not to include fully assembled mechanical assemblies or sheet metal fabrications.
Mechanical	Mechanical Fabrication	MECH ASSY	The commodity MECH ASSY is meant for both COTS and custom fabricated, primarily mechanical, assemblies.
Mechanical	Mechanical Fabrication	MOLDING	The commodity MOLDING is meant for custom-fabricated parts processed through all types of molding such as injection, vacuum, drape forming, thermoforming, over molding, compression, blow molding and rotational molding.
Mechanical	Mechanical Fabrication	OPTIC	The commodity OPTIC is meant for both COTS and custom-fabricated optical lenses, mirrors, coatings, light-reflecting/focusing/diverging devices, and optical components/assemblies.
Mechanical	Mechanical Fabrication	SHEET METAL FAB	The commodity SHEET METAL FAB is meant for custom-fabrication sheet metal that has gone through the process of cutting or molding/forming.
Mechanical	Mechanical Fabrication	SPIN-FORMING	The commodity SPIN-FORMING is meant for custom fabrication of metallic raw materials(Aluminum, Steel, Titanium, Copper, etc) into a conical shape formed of a Mandrel Tool.

Mechanical	Mechanical Fabrication	SPRING	The commodity SPRING is meant for COTS and custom springs used as mechanical hardware components, springs used for suspension/braking/axles in mechanical systems, or springs molded/formed through metal fabrication.
Mechanical	Mechanical Fabrication	THERMAL BARRIERS/ASSYS	The commodity THERMAL BARRIERS/ASSYS is meant for COTS and fabricated thermal insulation applications such as Firewalls, barriers, blankets, etc.
Mechanical	Mechanical Fabrication	TOOL	The commodity TOOL is meant for COTS and custom fabricated equipment/tools and tools used in machine tooling. TOOL includes tools like drills, drill bits, and pliers, in addition to components and tools
Mechanical	Mechanical Fabrication	WELDED ASSY	The commodity WELDED ASSY is meant for custom fabrication of metallic parts or raw material that are welded together. This includes MIG, TIG, Friction Stir Welding, and Laser welding, and other Fusion joining processes
Mechanical	Mechanical Fabrication	CASE / ENCLOSURE	The commodity CASE / ENCLOSURE is meant for custom-fabricated cases and boxes for shipments of different equipment.
Mechanical	Mechanical Fabrication	COMPOSITE BONDED ASSY	The commodity COMPOSITE BONDED ASSY is meant for fabricated components that comprise of a mixture of raw materials (commonally of variuous types) that are bonded together with resins or adhesives, Includes RTM, VARTM, Filament Winding, Pultrusion, Thick Laminates. Fiber Placement, etc.
Mechanical	Mechanical Systems	ENGINE	The commodity ENGINE is meant for COTS and custom fabricated engines and their components. These engines are primarily used in mechanical systems.
Mechanical	Mechanical Systems	HEAT EXCHANGER	The commodity HEAT EXCHANGER is meant for COTS and custom-fabricated devices used in heating and cooling mechanical systems for fluids.
Mechanical	Mechanical Systems	HEATER	The commodity HEATER consists of COTS mechanical systems and custom fabricated systems used for heating and cooling. This includes HVAC units, ducting to move substances for heating and cooling
Mechanical	Mechanical Systems	VALVE	The commodity VALVE is meant for COTS valves, used as mechanical hardware components, and custom-fabricated valves used as components in fluidic systems.
Raw Materials	Raw Materials-Metals	ALUMINUM	The commodity ALUMINUM is meant only for raw aluminum stock. This can be I beams, sheets, tubes, etc.
Raw Materials	Raw Materials-Metals	BRASS	The commodity BRASS is meant only for raw Brass stock. This can be I beams, sheets, tubes, etc. .
Raw Materials	Raw Materials-Metals	BRONZE	The commodity BRASS is meant only for raw Bronze stock. This can be I beams, sheets, tubes, etc.
Raw Materials	Raw Materials-Metals	COPPER	The commodity COPPER is meant only for raw copper stock. This can be I-beams, sheets, tubes, etc. .
Raw Materials	Raw Materials-Metals	STEEL	The commodity STEEL is meant for raw material steel stock. This can be I beams, sheets, tubes, etc. No machined, fabricated, or any type of processed component or assembly should be included in this
Raw Materials	Raw Materials-Metals	TITANIUM	The commodity TITANIUM is meant for raw material Titanium stock. This can be I beams, sheets, tubes, etc.
Raw Materials	Raw Materials-Non-metal	COMPOSITES	The commodity COMPOSITES is meant only for raw composites stock. This can be carbon fiber, fiberglass, kevlar, nylon, etc. No manufactured, fabricated, or any type of part using composites as a component should be included in this commodity.
Raw Materials	Raw Materials-Non-metal	INSULATION, THERMAL	The commodity INSULATION, THERMAL is meant for raw material thermal insulation stock such as raw foam, raw minerals, and raw cork.
Raw Materials	Raw Materials-Non-metal	PLASTIC	The commodity PLASTIC is meant for raw material plastic stock. PLASTIC is not meant for plastic that has been processed into other parts or parts that use plastic as a component.
Raw Materials	Raw Materials-Non-metal	RUBBER	The commodity RUBBER is meant for raw material rubber stock. RUBBER is not meant for rubber that has been processed into other parts or parts that use rubber as a component.
Raw Materials	Raw Materials-Non-metal	TEXTILE	The commodity TEXTILE is meant for the acqusition of raw material Textile stock.
Raw Materials	Raw Materials-Non-metal	WAX	The commodity WAX is meant for raw material Wax stock. WAX is not meant for wax that has been processed into other parts or parts that use wax as a component.
Raw Materials	Raw Materials-Non-metal	WOOD	The commodity WOOD is meant for raw material wood stock. WOOD is not meant for wood that has been processed into other parts or parts that use wood as a component.
Systems/Test	COTS-Systems	TEST EQUIPMENT	The commodity TEST EQUIPMENT is meant for COTS equipment and tools used for electrical testing, mechanical testing, and RF testing.
Systems/Test	Electrical Systems	PHOTO EQUIP	The commodity PHOTO EQUIP is meant for COTS and custom fabrication items that are used for taking photos/videos. This can include cameras, camera lens, and mounting for photo equipment. Can include LIDAR, Thermal/Infrared, etc.
Systems/Test	Mechanical Systems	HYDRO/PNEUMATIC	The commodity HYDRO/PNEUMATIC is meant for COTS and custom-fabricated hydraulic pumps and hydraulic assemblies, components of fluidic systems. Items included are hoses and tubing used to facilitate the flow of hydraulic fluid or gasses.
Systems/Test	Mechanical Systems	PUMP	The commodity PUMP is meant for COTS or custom fabricated pumps typically for power & drive train applications or fluid pumps. PUMP is not to include other hydraulic systems.
Systems/Test	Mechanical Systems	SHELTERS	The commodity SHELTERS is meant for custom fabricated unmanned vehicle control shelters. It is not intended for raw textiles, pieces of cloth, curtains, straps/rope, or miscellaneous components of shelters.
Weapon Systems	Weapon Systems	EXPLOSIVES	The commodity EXPLOSIVES is meant for COTS and custom fabricated weapons systems & ordnance including ammunitions, energetics, weapons, explosives, and disposal.