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DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
PATUXENT RIVER, MD 20670

DEPARTMENT OF THE NAVY
NAVAL AIR WARFARE CENTER
AIRCRAFT DIVISION
PATUXENT RIVER, MD 20670-1161

CAGE	PDDS NO.	REV
30003	4212AS0294	1

TITLE

GE ADDITIVE

COMMUNITY FACE MASK, COLLECTION

PART NUMBER	EST WT
4212AS0294-0-AM	0.02 LBS

NEXT ASSY N/A DESIGNED FOR N/A

PDDS PREPARER / APPROVAL (5 ITEMS)

Approver	AUTHORIZED TECH. REP.	7APR20
Checker	D.Z.KRIVITSKY	7APR20
Designer	GE ADDITIVE	7APR20
Drafter	A.D.GRAHAM	7APR20
Revision		

APPROVED FOR RELEASE (LATEST REVISION)

MCMICHAEL.ELIZA BETH.L.1229169722 Digitally signed by MCMICHAEL.ELIZABETH.L.1229169722 Date: 2020.04.21 11:15:24 -04'00'

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- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100-2013.
- DIMENSIONING AND TOLERANCEING SHALL BE INTERPRETED IN ACCORDANCE WITH ASME Y14.5-2009.
- PRODUCT DEFINITION DATA SET (PDDS) TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.41-2012.
- DIMENSIONS ARE IN INCHES.
- REMOVE BURRS AND BREAK ALL SHARP EDGES.
- ALL CENTER LINES AND SURFACES OF FEATURES IN THIS MODEL THAT INTERSECT AT RIGHT ANGLES SHALL BE INTERPRETED AS IMPLIED 90 DEGREE ANGLES IN ACCORDANCE WITH ASME Y14.5-2009.
- MODELS HEREIN ARE REPRESENTED IN A NOMINAL DIMENSIONAL CONDITION. IF A NOMINAL CONDITION DOES NOT EXIST, THE MODEL IS REPRESENTED AT THE MEAN DIMENSIONAL CONDITION.
- ATTACHED TO THIS DOCUMENT IS A STANDARD FOR THE EXCHANGE OF PRODUCT MODEL DATA (STEP) FILE, VERSION AP210, WHICH REPRESENTS THE PART SPECIFIED IN THIS PDDS. THE PRECISION OF THE PART WITH RESPECT TO THE PDDS IS ACCURATE WITHIN 1/10 THE SMALLEST TOLERANCE SPECIFIED WITHIN THIS PDDS.
- A VALIDATION CERTIFICATE OF THE STEP FILE IS INCLUDED IN THIS PDDS. ANY DEVIATION OF THE STEP FILE FROM THE PDDS IS IDENTIFIED WITHIN THIS CERTIFICATE.

CLASSIFICATION OF CHARACTERISTICS PER DOD-STD-2101
FOR EACH FINISHED PART, CRITICAL AND MAJOR
CHARACTERISTICS REQUIRE 100% INSPECTION

CRITICAL (-) TO (-) MAJOR (-) TO (-)

MINOR: ALL OTHER CHARACTERISTICS

CAD PROGRAM: PTC CREO VERSION: V4.0 M080

FILE NAME: GE_FACE_MASK_COLLECTION

REVISIONS

REVISION 1: UPDATED DRAWING NOTES, UPDATED ATTACHED DOCUMENTATION

---------- END OF REVISIONS ----------

NOTES

< > INDICATES A FLAG NOTE (13 ITEMS)

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2 . PN4212AS0294-0-AM IS A COMMUNITY USE NON-MEDICAL, NON-SURGICAL PPE ITEM. USE OF THIS ITEM MUST BE IN ACCORDANCE WITH FDA POLICY FOR USE OF NON-MEDICAL, NON-SURGICAL PPE DURING THE COVID19 EMERGENCY ONLY. THIS ITEM HAS NOT BEEN CLEARED, APPROVED, OR EVALUATED BY THE U.S. FOOD AND DRUG ADMINISTRATION (FDA), NOR HAS ITS SAFETY OR EFFICACY BEEN SUBJECTED TO RIGOROUS SCIENTIFIC INQUIRY.

3 . PN4212AS0294-0-AM INSTRUCTIONS FOR PACKAGING AND KITTING ARE ATTACHED TO THIS DOCUMENT. MASK FRAME MAY BE PACKAGED INDIVIDUALLY WITHOUT FILTER MATERIAL OR ELASTIC BANDS OR MAY BE KITTED WITH FILTER MATERIAL AND ELASTIC BANDS. PROCESS AND MATERIALS FOR PACKAGING AND KITTING ARE ATTACHED TO THIS DOCUMENT. A TEMPLATE TO CUT FILTER MATERIAL TO SIZE IS ATTACHED TO THIS DOCUMENT.

4 . FACE MASK 3D PRINTER MATERIAL RECOMMENDATIONS ARE PROVIDED ON THE PARTS LIST FOR THIS COMPONENT. ALTERNATIVE PRINTER MATERIALS MAY BE USED.

5 . FACE MASK MANUFACTURING EQUIPMENT RECOMMENDATIONS ARE PROVIDED ON THE PARTS LIST FOR THIS COMPONENT. ALTERNATIVE PRODUCTION METHODS MAY BE USED.

6 . FACE MASK 3D PRINTER STL FILES THAT INCLUDE ORIENTATION AND LOCATION OF AM PARTS ON THE 3D PRINTER BUILD PLATE ARE ATTACHED TO THIS DOCUMENT. MANUFACTURING FACILITIES SHOULD CONFORM TO THE ORIENTATION AND PART LOCATION IN THE STL FILE WHEN USING NON-INDUSTRIAL 3D PRINTERS.

7 . FACE MASK 3D PRINTER SETTINGS RECOMMENDATIONS INCLUDING SHELL/INFILL ARE ATTACHED TO THIS DOCUMENT MANUFACTURING FACILITIES SHOULD CONFORM TO 3D PRINTER SETTINGS WHEN USING NON-INDUSTRIAL 3D PRINTERS.

8 . POST-PROCESSING, INSPECTION, ASSEMBLY, QA, AND LOGISTICS INSTRUCTIONS ARE ATTACHED TO THIS DOCUMENT. MANUFACTURING FACILITIES SHOULD CONFORM TO THESE INSTRUCTIONS TO ENSURE ACCEPTABLE FUNCTIONAL PERFORMANCE OF THE PART.

9 . MANUFACTURING RECORD LOGS MUST BE KEPT FOR ALL ITEMS PRODUCED. A MANUFACTURING LOG TEMPLATE IS ATTACHED TO THIS

**THIS TDP CONTAINS EMBEDDED ATTACHMENTS.
ACCESS ATTACHMENTS BY ENABLING JAVASCRIPT AND SELECTING THE PAPERCLIP ICON ON THE LEFT HAND MENU BAR. USERS OF ADOBE ACROBAT READER SHOULD GO TO THE 'VIEW MENU' AND SELECT 'SHOW/HIDE->NAVIGATION PANES-> ATTACHMENTS'**

PARTS LIST

(4 ITEMS)

	QTY	CAGE	PART NUMBER	NOMENCLATURE	MATERIAL	SPECIFICATION
	X	30003	4212AS0294-0-AM	GE ADDITIVE, COMMUNITY FACE MASK, COLLECTION		
	1	30003	4212AS0291-0-AM	GE ADDITIVE, COMMUNITY FACE MASK, SMALL	PET-G PREFERRED, PLA	3D PRINTED, LASER-CUT, WATER-JET, DIE-CUT
	1	30003	4212AS0292-0-AM	GE ADDITIVE, COMMUNITY FACE MASK, MEDIUM	PET-G PREFERRED, PLA	3D PRINTED, LASER-CUT, WATER-JET, DIE-CUT
	1	30003	4212AS0293-0-AM	GE ADDITIVE, COMMUNITY FACE MASK, LARGE	PET-G PREFERRED, PLA	3D PRINTED, LASER-CUT, WATER-JET, DIE-CUT
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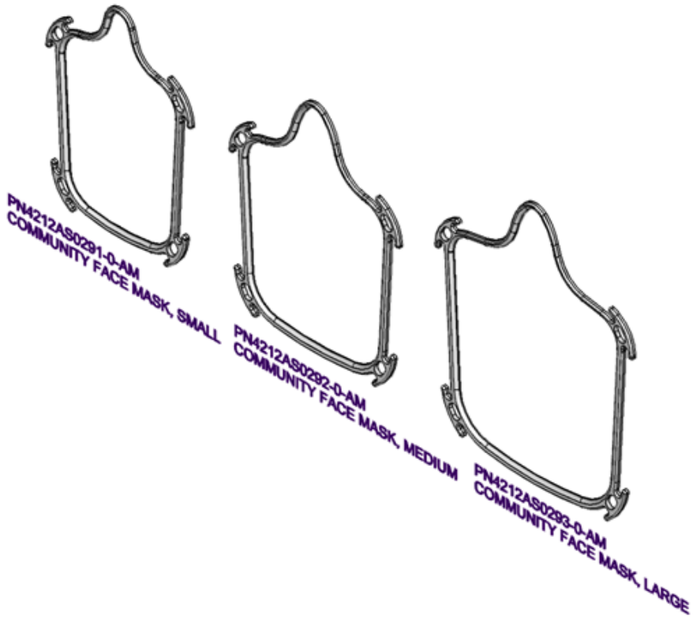


VIEW FOR REFERENCE ONLY

DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
PATUXENT RIVER, MD 20670

CAGE	PDDS NO.	REV
30003	4212AS0294	1

UNLESS OTHERWISE SPECIFIED DECIMAL TOLERANCES

3 PL	± .XXX
2 PL	± 0.01
ANGLES	± 0.5°

TITLE

GE ADDITIVE

COMMUNITY FACE MASK, COLLECTION

PART NUMBER	EST WT
4212AS0294-0-AM	0.02 LBS

SHOW ALL
ISOLATE
ZOOM FIT
PARTS LIST ACTIONS

PARTS LIST

FOR REFERENCE ONLY

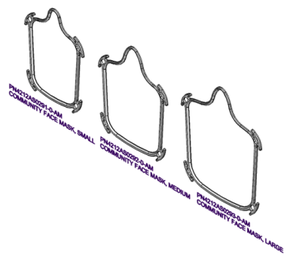
QTY	CAGE	PART NUMBER	NOMENCLATURE
X	30003	4212AS0294-0-AM	GE ADDITIVE, COM
1	30003	4212AS0291-0-AM	GE ADDITIVE, COM
1	30003	4212AS0292-0-AM	GE ADDITIVE, COM
1	30003	4212AS0293-0-AM	GE ADDITIVE, COM

AVAILABLE VIEW STATES

'SINGLE CLICK' TO PREVIEW, 'DOUBLE CLICK' TO ACTIVATE

- D0_MODEL_ONLY
- D3_PROPERTIES
- D7A_FRONT
- D7B_TOP

PREVIEW



PRINT SELECTED VIEWS

MODEL / ANNOTATION STATUS
0 ERRORS / 0 WARNINGS
DETAILS

**THIS TDP CONTAINS EMBEDDED ATTACHMENTS.
ACCESS ATTACHMENTS BY ENABLING JAVASCRIPT AND SELECTING THE PAPERCLIP ICON ON THE LEFT HAND MENU BAR. USERS OF ADOBE ACROBAT READER SHOULD GO TO THE 'VIEW MENU' AND SELECT 'SHOW/HIDE->NAVIGATION PANES-> ATTACHMENTS'**