

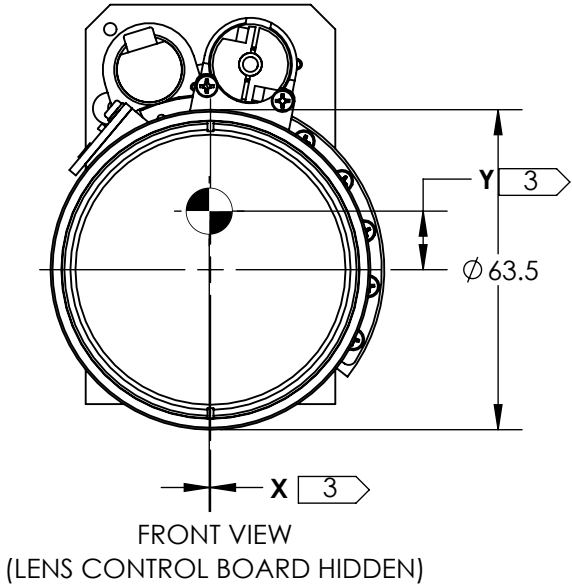
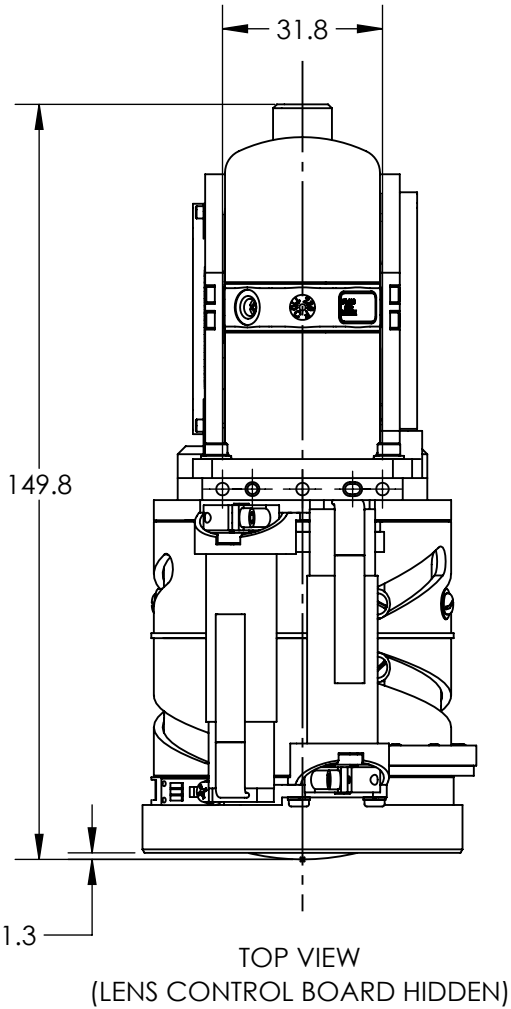
1. WHEN MOUNTING CAMERA, USE PRIMARY HOLES.
2. OVERALL THERMAL DISSIPATION IS APPROX. 7 WATTS.
3. POSTION OF CENTER OF GRAVITY, CG(LENS CONTROL BOARD REMOVED):

NFOV X=0.13 mm, Y=11.61 mm, Z=68.11 mm

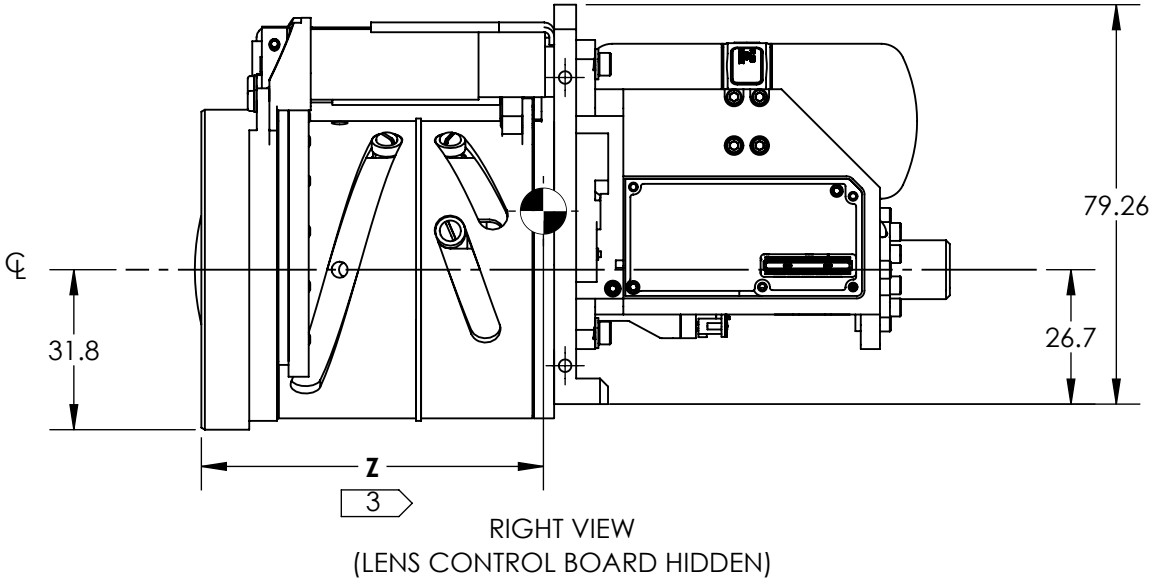
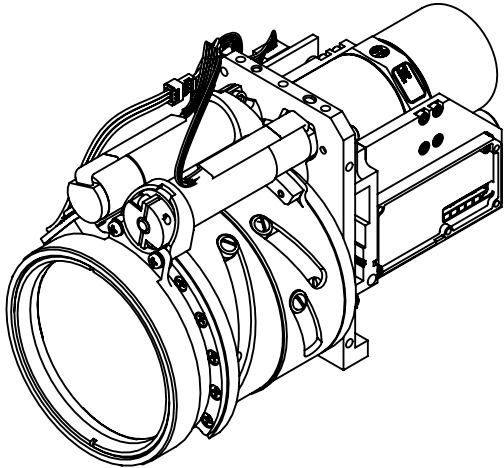
WFOV X=0.79 mm, Y=11.64 mm, Z=68.41 mm
4. FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD:



LENS: 65196-ZoomLens19-275mmUserManual

SENSOR: 102-2020-40 Neutrino LC Engineering Datasheet
5. APPROXIMATE VENTUS COMPACT MK2 CORE MASS = 880 g
6. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE FIELD OF VIEW = 12°



REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1504	2023-08-23	D. KAMINSKI
	B	UPDATED FORMAT, ADDED FOV AND WINDOW TILT, NO CHANGE TO GEOMETRY (FIT/FORM)	1814	2025-05-14	C. JOHNSON



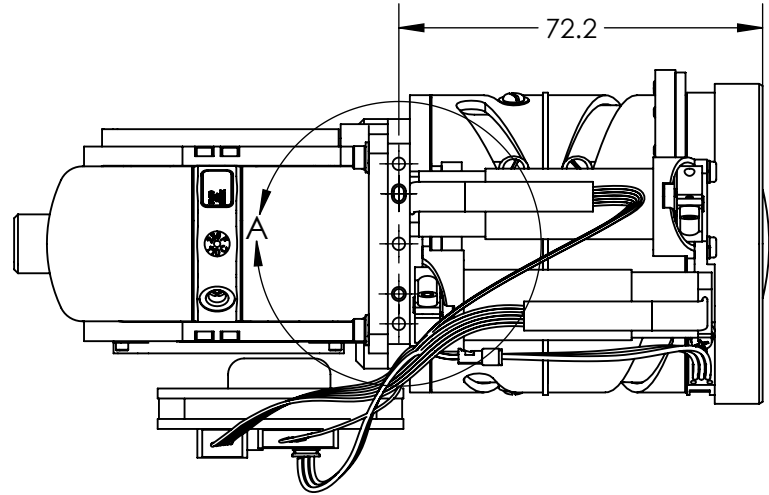
<div>Product Export Classification</div> <div>Control Number (ECCN):</div> <div>6A003.b.4.a</div> <div></div> <div>This document is provided for integration purposes only and does not contain export-controlled technology</div>	UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.</div>		<div> SIERRA-OLYMPIA</div> <div>TECHNOLOGIES INC.</div>	<div>DESCRIPTION:</div> <div>MECHANICAL ICD, VENTUS COMPACT MK2, CORE</div>	
	<div>X ± 2.5 mm</div> <div>X.X ± 0.3 mm</div> <div>X.XX ± 0.13 mm</div>	<div>ANGLES</div> <div>X ± 1°</div> <div>X.X ± 0.5°</div>					
	THIRD ANGLE PROJECTION		<div>FINISH:</div> <div>N/A</div>		<div>SIZE</div> <div>B</div>	<div>DRAWN BY:</div> <div>T. CRAMER</div>	<div>SHEET 1 OF 3</div>
					<div>DRAWING NUMBER:</div> <div>20-70039</div>		<div>Rev. B</div>
	DO NOT SCALE DRAWING		CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.				

4

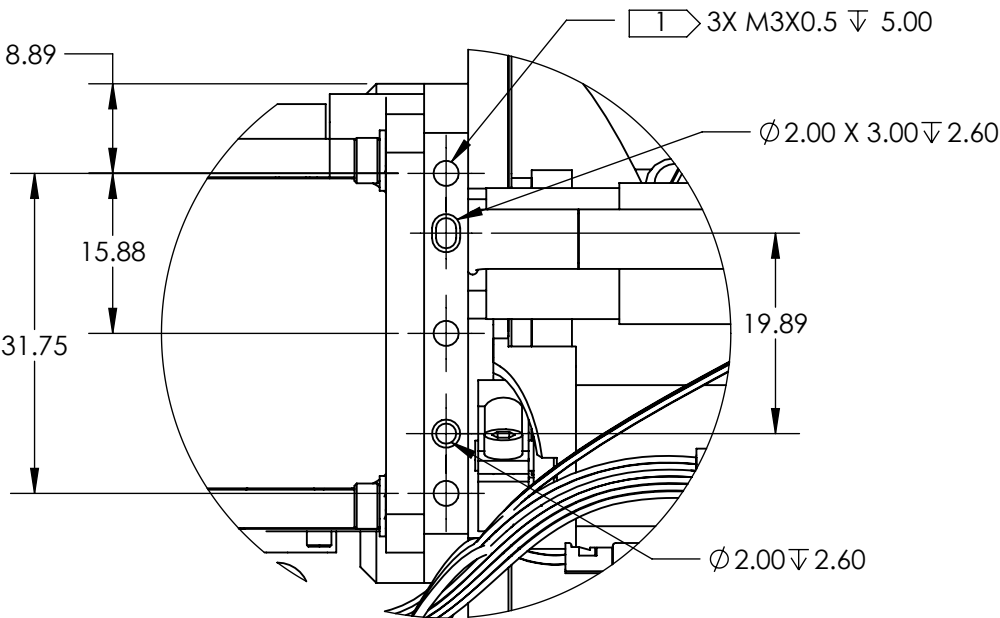
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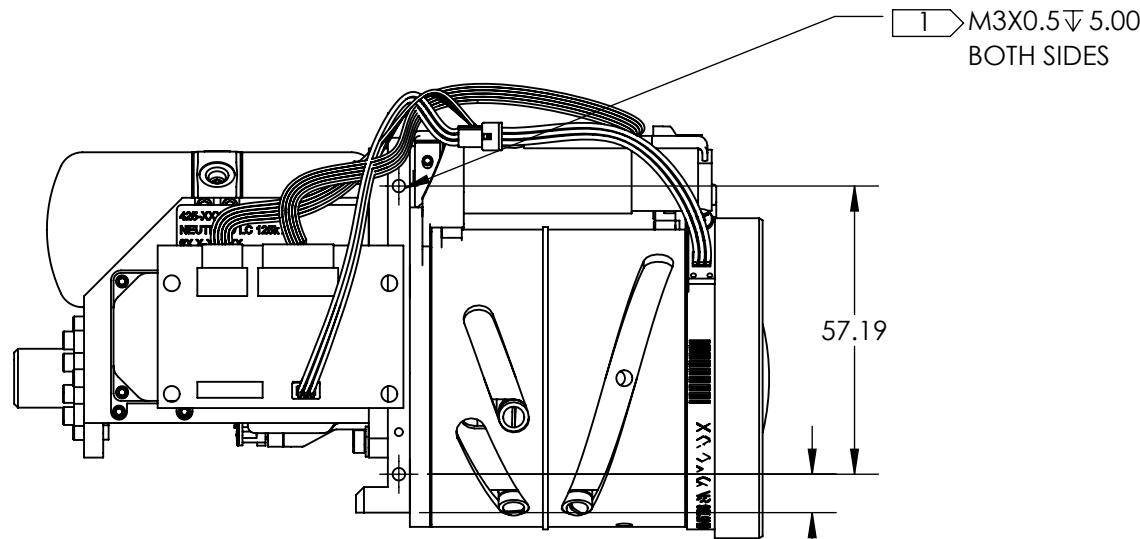
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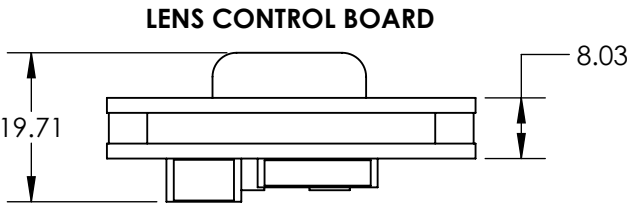
TOP VIEW



DETAIL A
SCALE 4 : 3

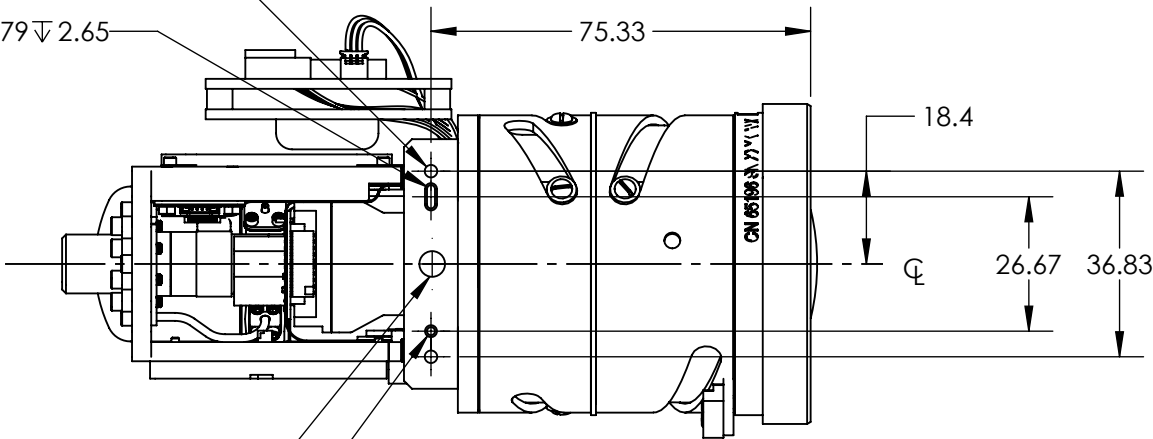


LEFT VIEW

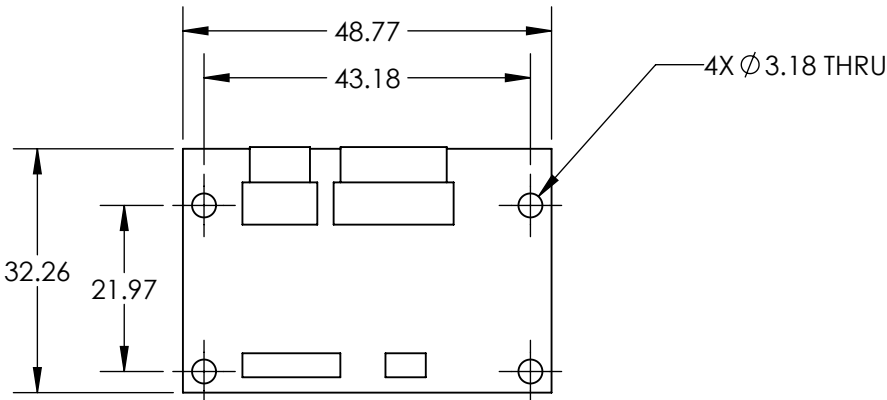


2X M3X0.5 ∇ 3.18
SECONDARY MOUNTING HOLES

R0.79 ∇ 2.65



BOTTOM VIEW



Product Export Classification
Control Number (ECCN):
6A003.b.4.a

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export-controlled
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UNLESS OTHERWISE SPECIFIED
DIM ARE IN MILLIMETERS

X \pm 2.5 mm	ANGLES X \pm 1°
X.X \pm 0.3 mm	X.X \pm 0.5°
X.XX \pm 0.13 mm	

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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MATERIAL:
N/A

FINISH:
N/A

CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY
THE 3D CAD PART FILE.



DESCRIPTION:
**MECHANICAL ICD, VENTUS
COMPACT MK2, CORE**

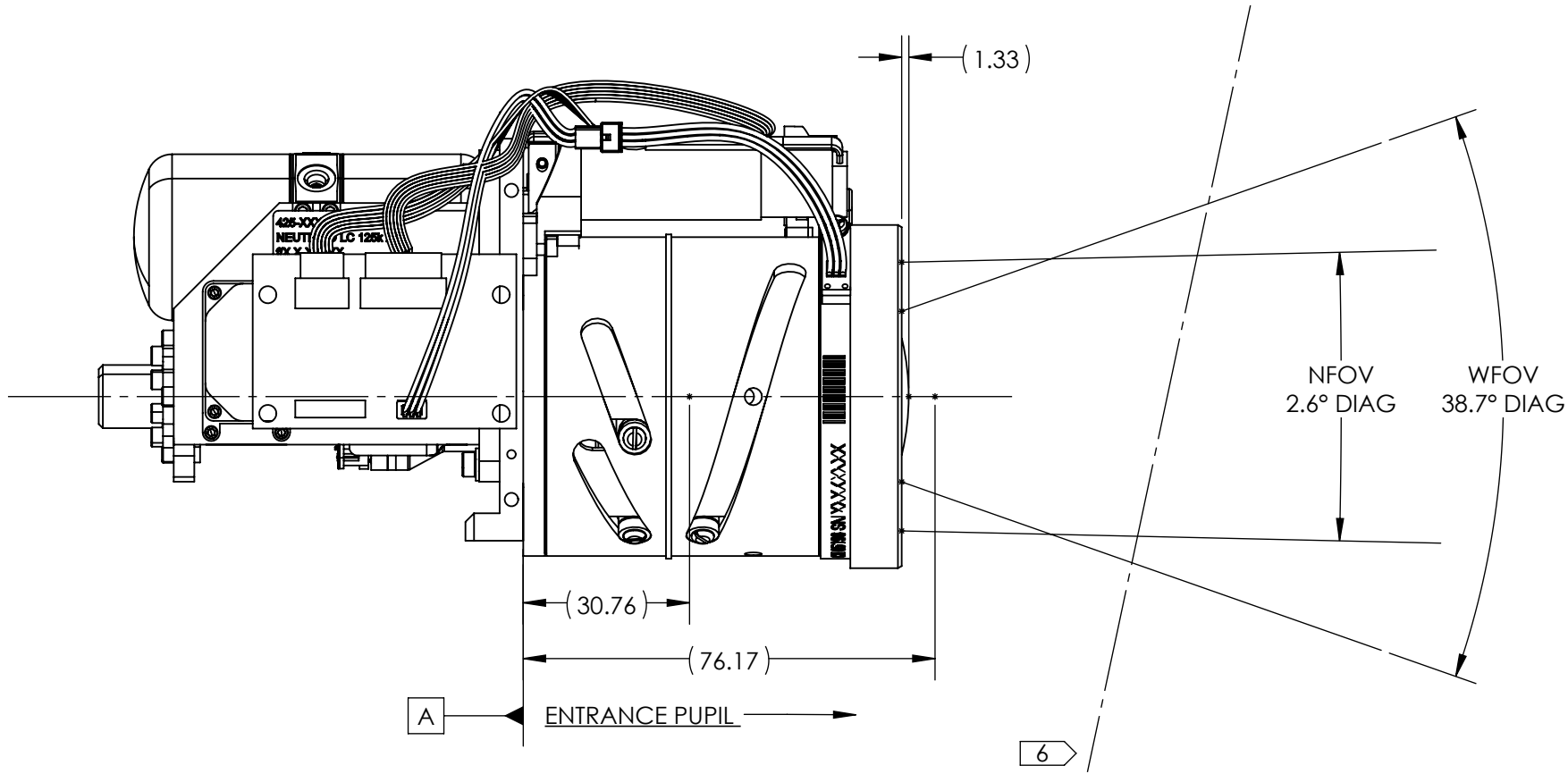
SIZE B	DRAWN BY: T. CRAMER	SHEET 2 OF 3
DRAWING NUMBER: 20-70039		Rev. B

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3

2

1



WIDE FIELDS OF VIEW
ENTRANCE PUPIL LOCATION = 30.76mm (IN FRONT OF DATUM A)
ENTRANCE PUPIL DIAMETER = 3.99mm

HFOV	29.8°
VFOV	23.7°
DFOV	38.7°

NARROW FIELDS OF VIEW
ENTRANCE PUPIL LOCATION = 76.17mm (IN FRONT OF DATUM A)
ENTRANCE PUPIL DIAMETER = 49.99mm

HFOV	2.0°
VFOV	1.6°
DFOV	2.6°

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	X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm	ANGLES X ± 1° X.X ± 0.5°		
	THIRD ANGLE PROJECTION		MATERIAL: N/A	
			FINISH: N/A	
	DO NOT SCALE DRAWING		CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.	

SIERRA-OLYMPIA TECHNOLOGIES INC.		
DESCRIPTION: MECHANICAL ICD, VENTUS COMPACT MK2, CORE		
SIZE B	DRAWN BY: T. CRAMER	SHEET 3 OF 3
DRAWING NUMBER: 20-70039		Rev. B