Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPF-24-PM

24" Electric Explosion Proof Fan - 7980 CFM - 24 inch - Wall or Ceiling Mount - C1D1 & C2D1

Product ID: 148928



Image: EPF-24-PM

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPF-24-PM Explosion Proof Fan/Blower
Dimensions: 24"Dia x 15"D
Weight: 61 Lbs
Motor: 0.25 Horsepower
Voltage: 115/230V AC
Ambient Temperature: 40°C (104°F)
Ambient Temperature Rating: 10°C to 40°C
Motor Insulation: Class B
Sound Level: 75db @ 3ft
Start-up Amps: 9.8A @ 115V - 4.9A @ 230V
Fan Type: Circular Fan
CFM Delivery: 7,980
Wiring: 3/4" Hub
Mounting: Ceiling or Wall Mount
Shipping Dimensions: 30"-L x 30"-W x 30"-H
Shipping Weight: 250 Lbs

Ratings/Approvals:
Class I, Divisions 1 & 2, Groups C, D
Class II, Divisions 1 & 2, Groups E, F, G
T3B Temp Rating

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPF-24-PM Explosion Proof Circular Fan redirects and circulates air within hazardous locations. This explosion proof fan meets UL standards for hazardous areas and provides a high 7,980 CFM output for effective airflow in larger spaces.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS PRODUCT

This electric explosion proof circular fan is suitable for confined spaces and is approved for use within Class I Divisions 1 & 2 and Class II Divisions 1 & 2 hazardous locations. This fan features a high efficiency 1/4 HP motor which is fully encapsulated and a precision balanced, non sparking aluminum blade assembly for high output and protection against accidental ignitions. This fan has 24" propeller diameter and produces over 7,980 CFM of air output for excellent circulation of air in large areas. The EPF-24-PM has an ambient temperature rating of 10°C to 40°C.

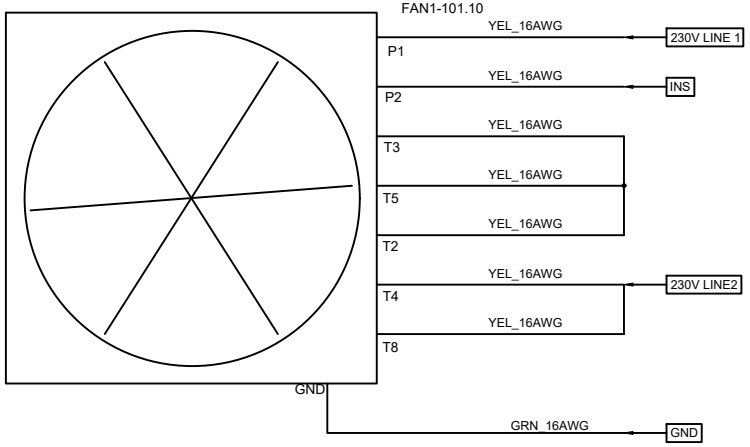
This fan is rated for single phase 115/230V 60Hz and operates at 1,725 RPM. A cast aluminum junction box houses the fan motor and allows for electrical connections to the fan. Mounting options include ceiling mount for suspended pendant mounting and a wall mounting kit for mounting to flat surfaces.. A 12" stainless steel safety cable is included with ceiling mount kits.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

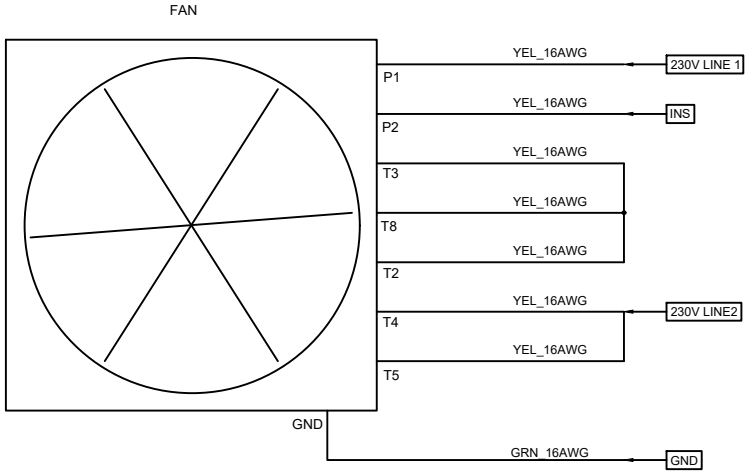
REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	12/20/2022

EPF-24-PM-230V-WLM

LARSON ELECTRONICS®



COUNTER CLOCKWISE WIRING DIAGRAM



CLOCKWISE WIRING DIAGRAM

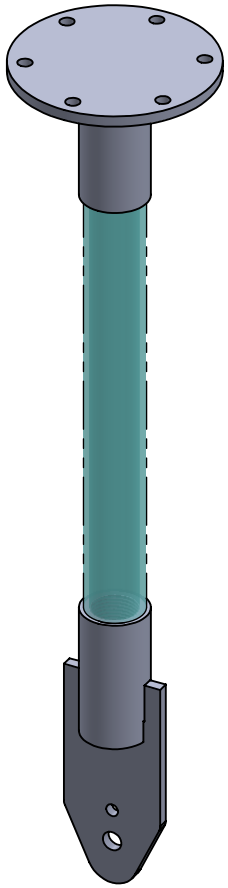
TAGS	QTY	CATALOG	DESCRIPTION
FAN1-101.10	1	UNV00006468	24" 1115/230V 1/2 HP EXP PROOF FAN

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: EPF-24-PM-115V-WLM

DRAWN BY	DATE	REV
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CHECKED BY	SHEET #	DRAWING #
J.Maldonado	1 OF 1	101



LARSON ELECTRONICS

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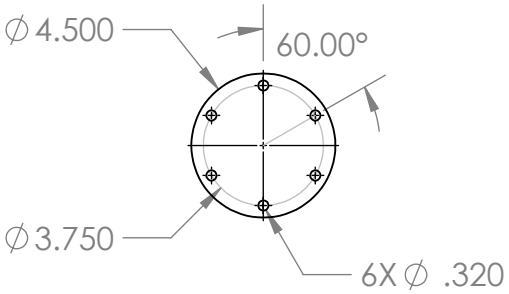
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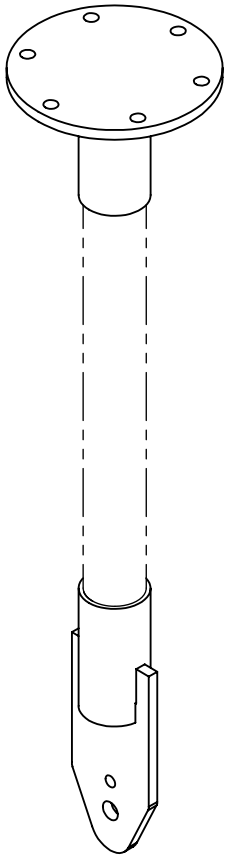
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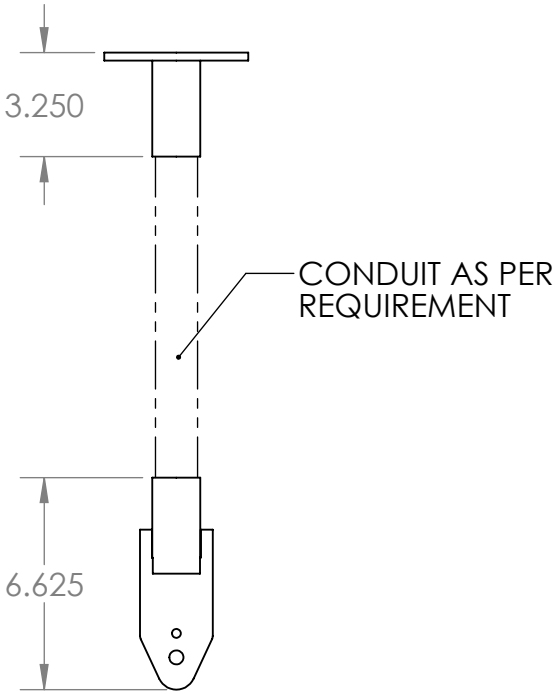
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DO NOT SCALE DRAWING	DATE	6/26/2019		

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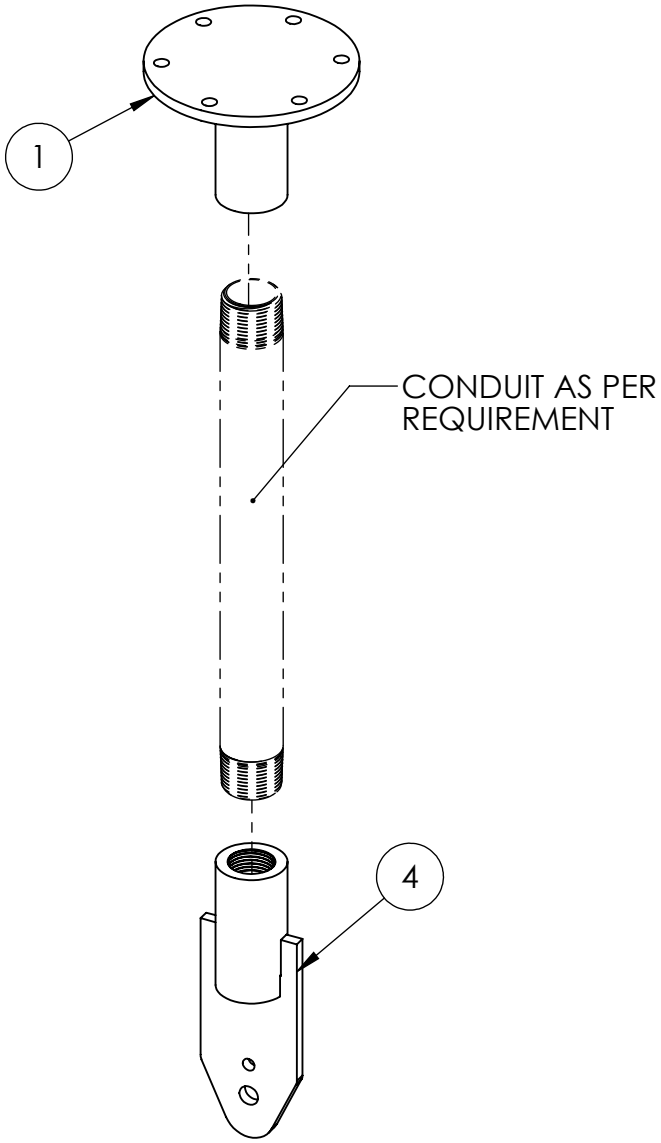
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DIMENSIONS ARE IN INCHES				
DO NOT SCALE DRAWING	DATE	6/26/2019	SCALE: NTS	SHEET 2 OF 9

5 4 3 2 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAB00000822A	MOUNT PLATE	1
4	FAB00000822B	Connector Flange	1



LARSON ELECTRONICS

TITLE:

EPF-24-PM-115V-CLG

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.X +/- .02
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DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

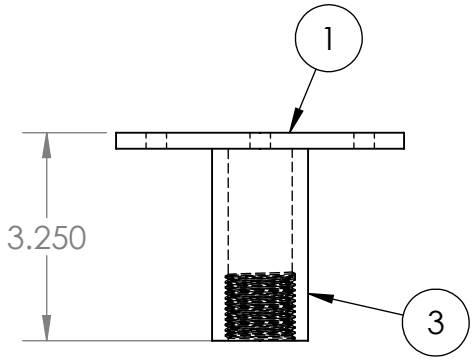
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DRAWN	SONI
CHECKED	
DATE	6/26/2019

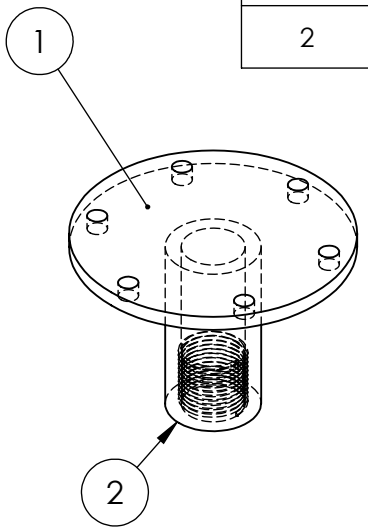
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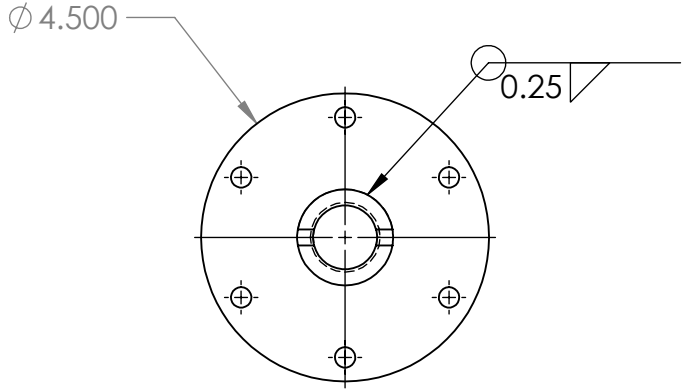
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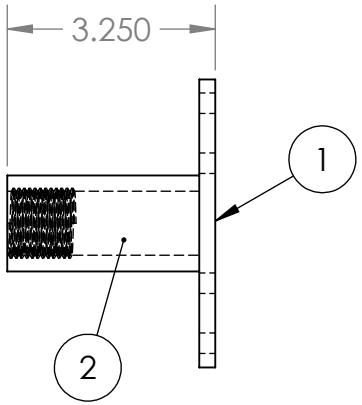
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAB00000822A-1	MOUNT PLATE	1
2	FAB00000822A-2	THREADED PIPE	1









LARSON ELECTRONICS

TITLE:

WALL MOUNT

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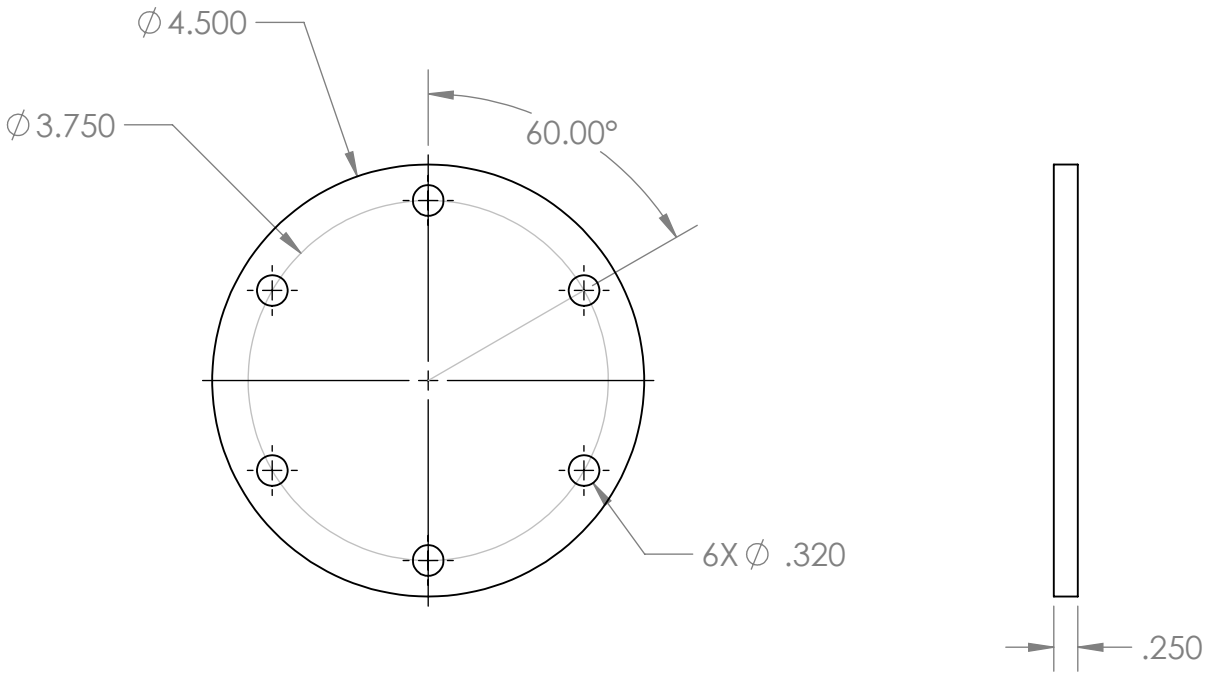
DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

	NAME
DRAWN	SONI
CHECKED	
DATE	6/26/2019

SIZE A | PRT. NO. FAB00000822A | REV

SCALE: NTS

5 4 3 2 1



FAB00000822A-1

LARSON ELECTRONICS

TITLE:

MOUNT PLATE

FINISH			
SURFACE AREA [sq. in]		114.47	NAME
DIMENSIONS ARE IN INCHES		DRAWN	SONI
MATERIAL	ALUMINIUM	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	6/26/2019

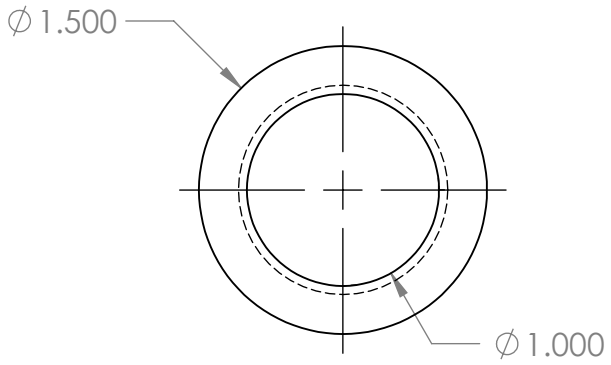
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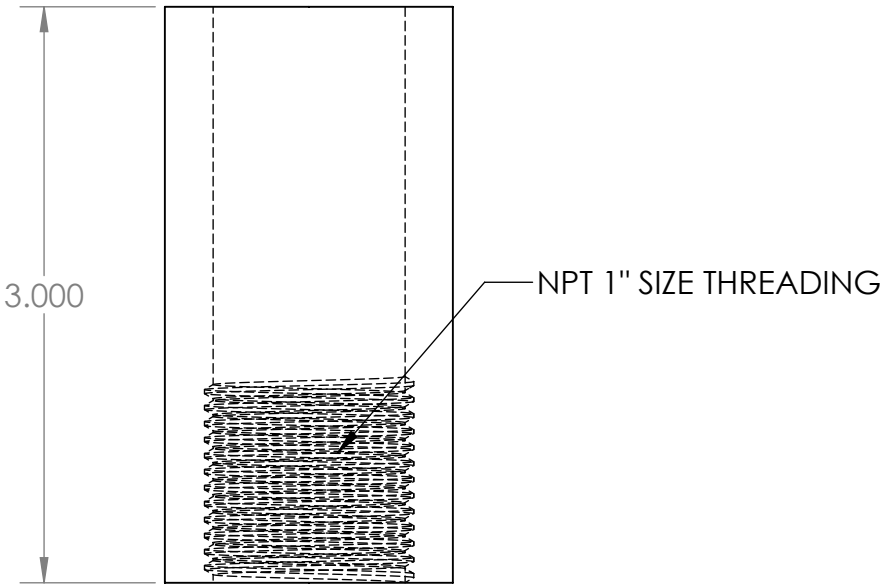
SCALE: NTS | SHEET 5 OF 9

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.XXX	+/- .005





FAB00000822A-2

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Angle	+/- .5 deg
.X	+/- .02
.XX	+/- .01
.XXX	+/- .005

FINISH			
SURFACE AREA [sq. in]		114.47	NAME
DIMENSIONS ARE IN INCHES		DRAWN	SONI
MATERIAL	ALUMINIUM	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	6/26/2019

LARSON ELECTRONICS

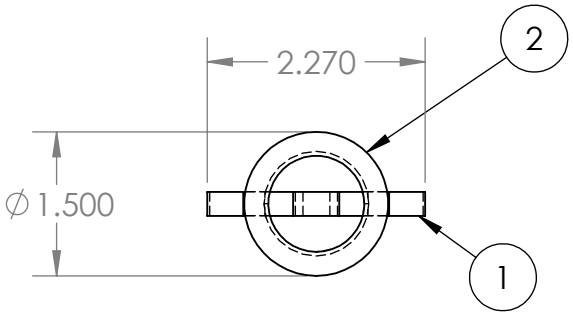
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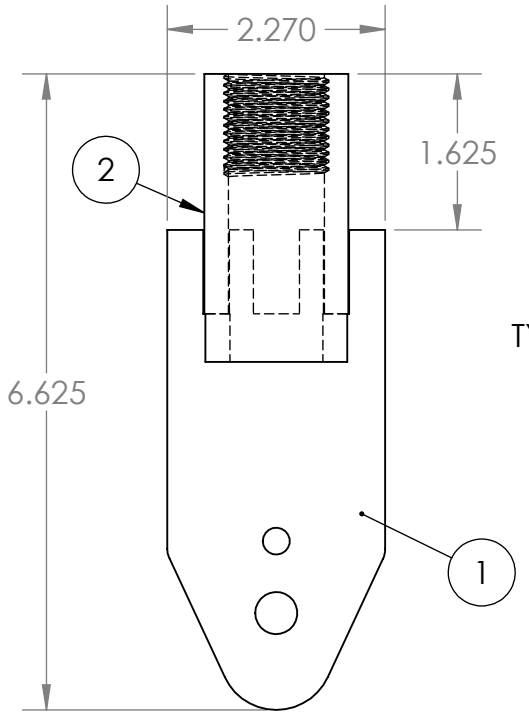
THREADED PIPE

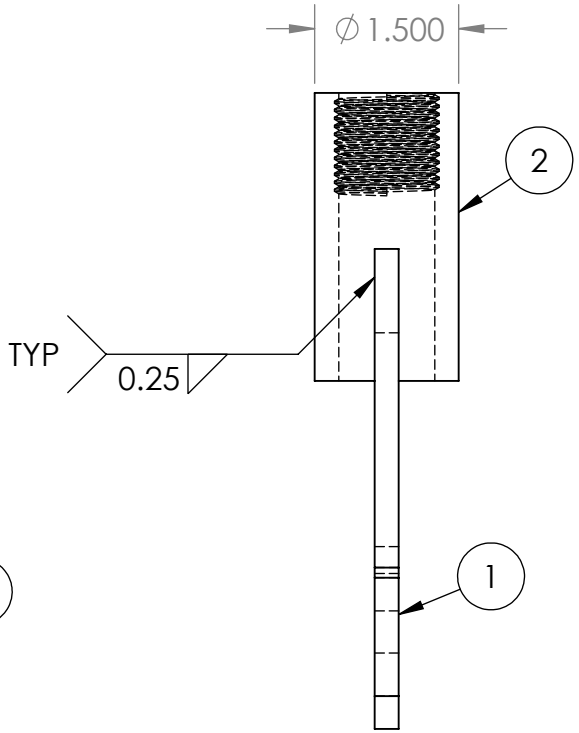
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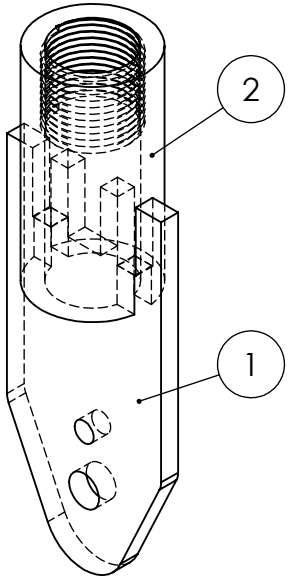
SCALE: NTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAB00000822B-1	PIPE	1
3	FAB00000822B-2	Connector Flange	1









LARSON ELECTRONICS

TITLE:

FAN MOUNT

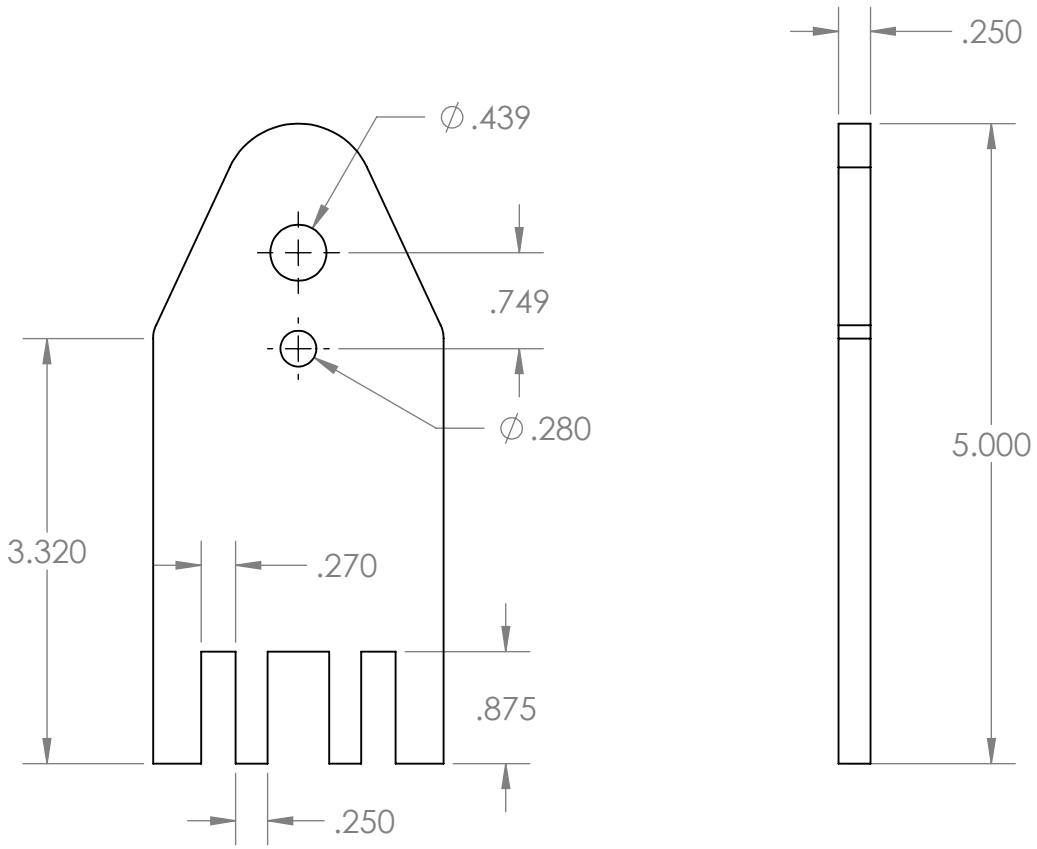
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.XX +/- .01
.XXX +/- .005

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

	NAME	SIZE	PRT. NO.	REV
DRAWN	SONI	A	FAB00000822B	
CHECKED				
DATE	6/26/2019	SCALE: NTS		SHEET 7 OF 9

5 4 3 2 1



FAB00000822B-1

LARSON ELECTRONICS

TITLE:

CONNECTOR FLANGE

FINISH			
SURFACE AREA [sq. in]		114.47	NAME
DIMENSIONS ARE IN INCHES		DRAWN	SONI
MATERIAL	ALUMINIUM	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	6/26/2019

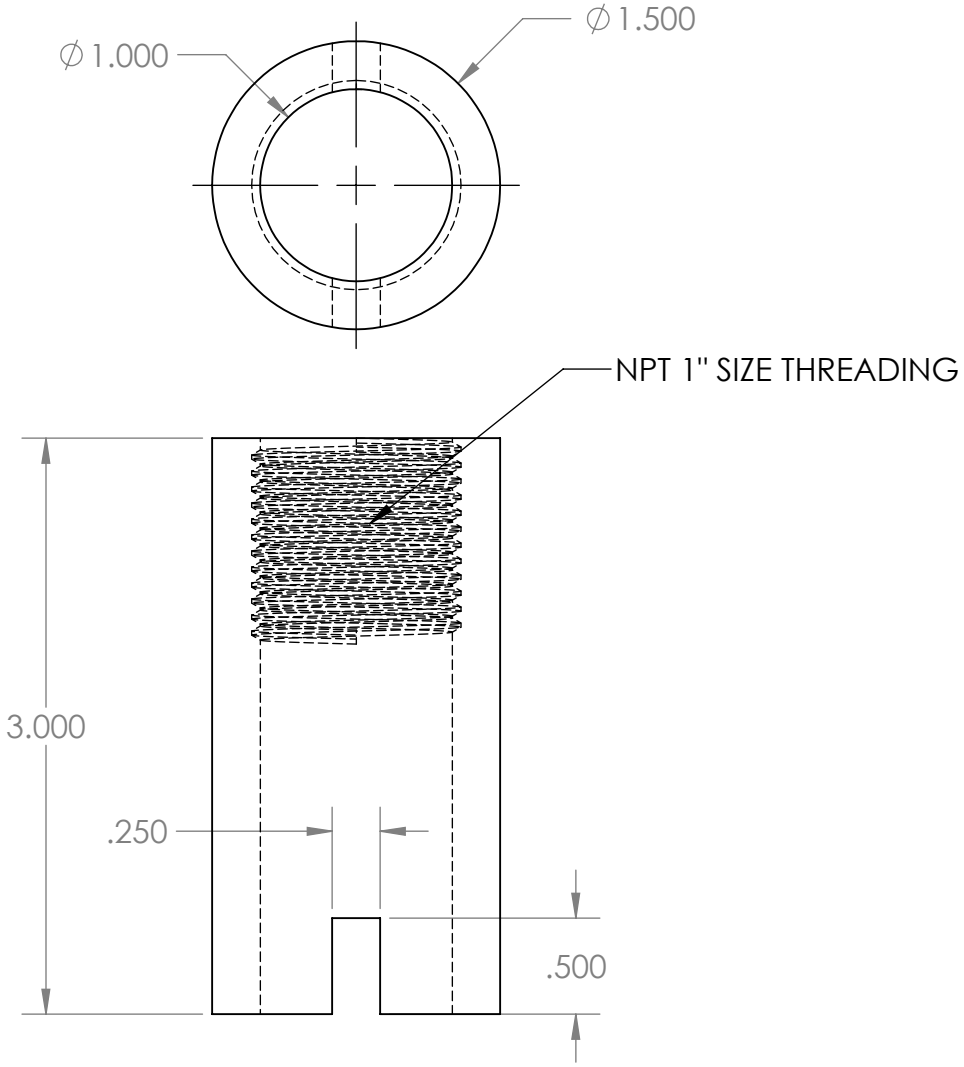
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SCALE: NTS | SHEET 8 OF 9

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Angle	+/- .5 deg
.X	+/- .02
.XX	+/- .01
.XXX	+/- .005



FAB00000822B-2

LARSON ELECTRONICS

TITLE:

PIPE

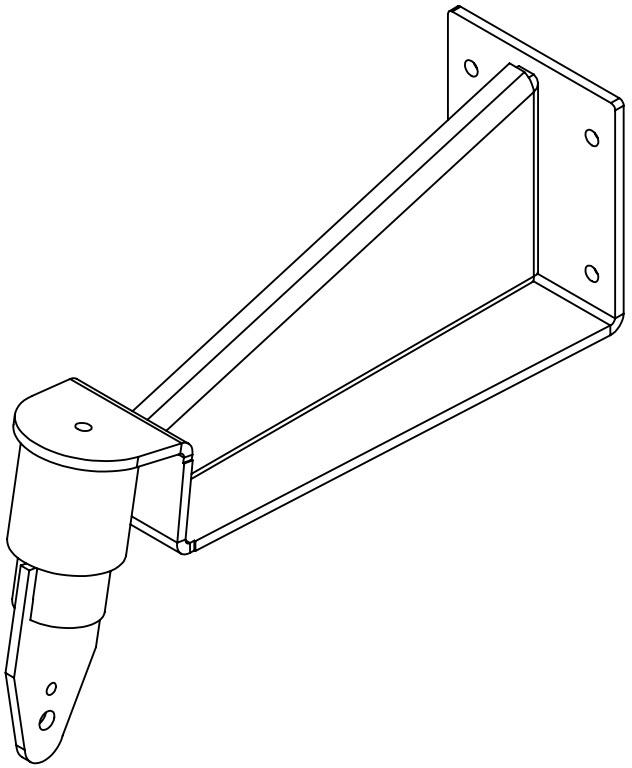
FINISH			
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MATERIAL	ALUMINIUM	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	6/26/2019

SIZE	DWG. NO.	REV
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SCALE: NTS		SHEET 9 OF 9

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LARSON ELECTRONICS

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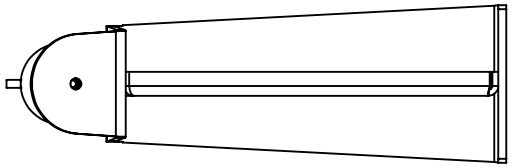
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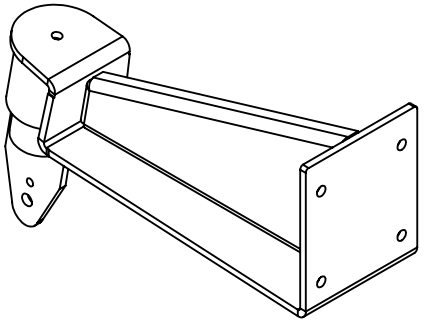
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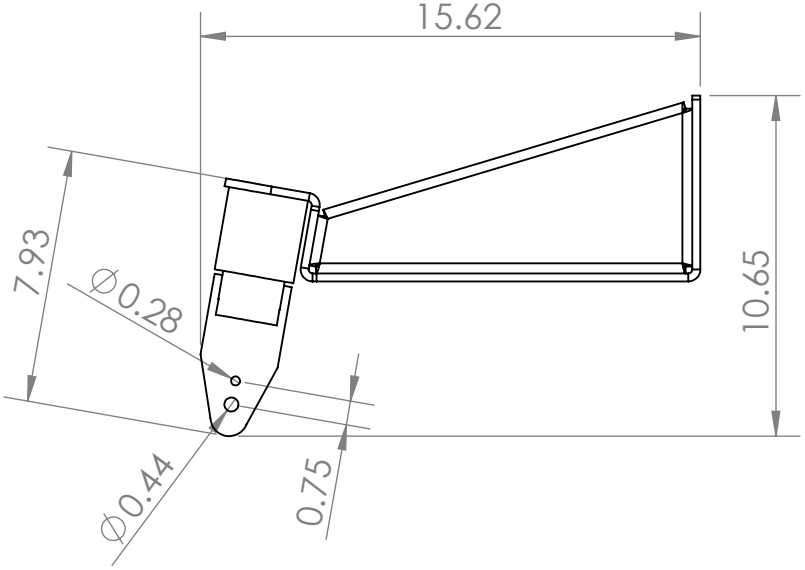
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DO NOT SCALE DRAWING	DATE	6/26/2019		

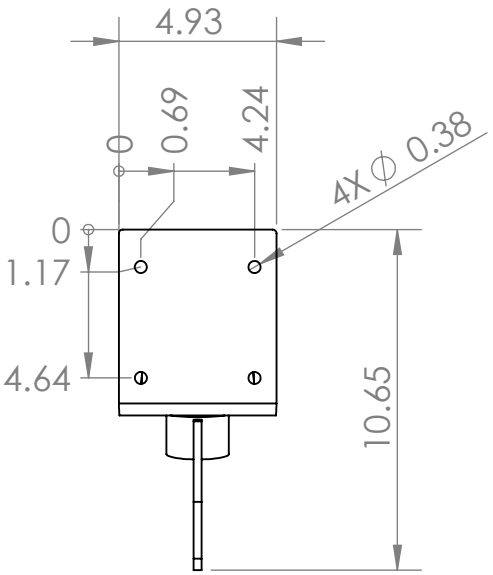
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PART NUMBER:

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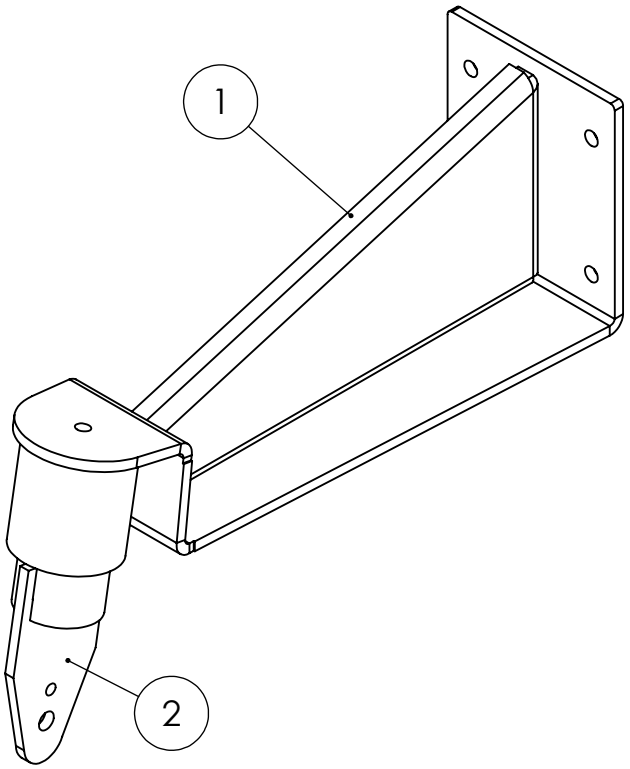
SIZE		REV
A		

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DIMENSIONS ARE IN INCHES			
DO NOT SCALE DRAWING	DATE	6/26/2019	SCALE: NTS

5 4 3 2 1

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	FAB00000825A	WALL MOUNT	1
2	FAB00000825B	FAN MOUNT	1



LARSON ELECTRONICS

TITLE:

EPF-30-IBM-230V-5in-HORI

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.XXX	+/- .010

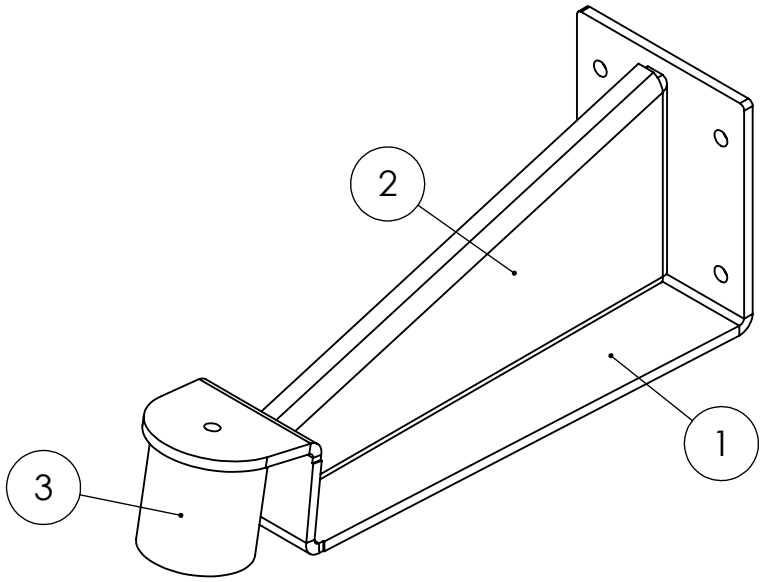
SURFACE AREA [sq. in]			NAME
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MATERIAL	Aluminium	CHECKED	N/A
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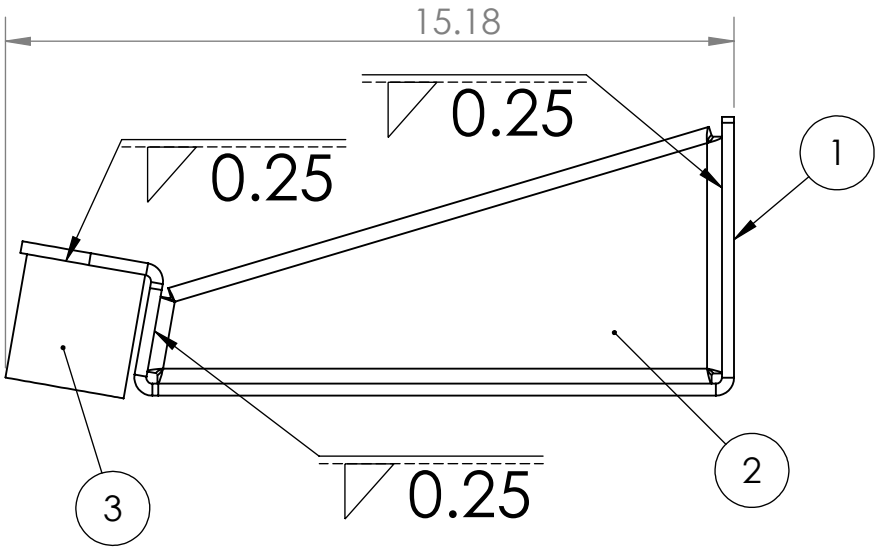
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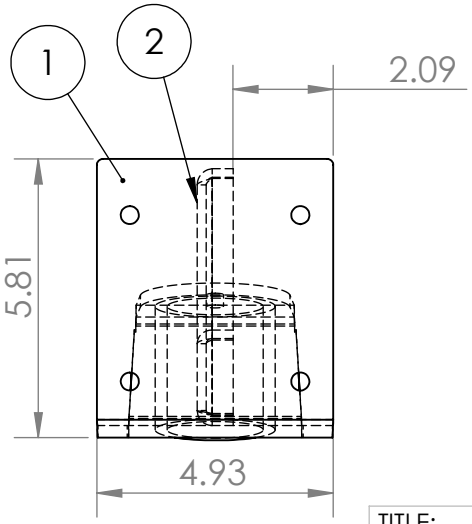
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5 4 3 2 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAB00000825A-1	Base bracket/mount	1
2	FAB00000825A-2	Supporting plate	1
3	FAB00000825A-3	Holding tube	1







LARSON ELECTRONICS

TITLE:

WALL MOUNT

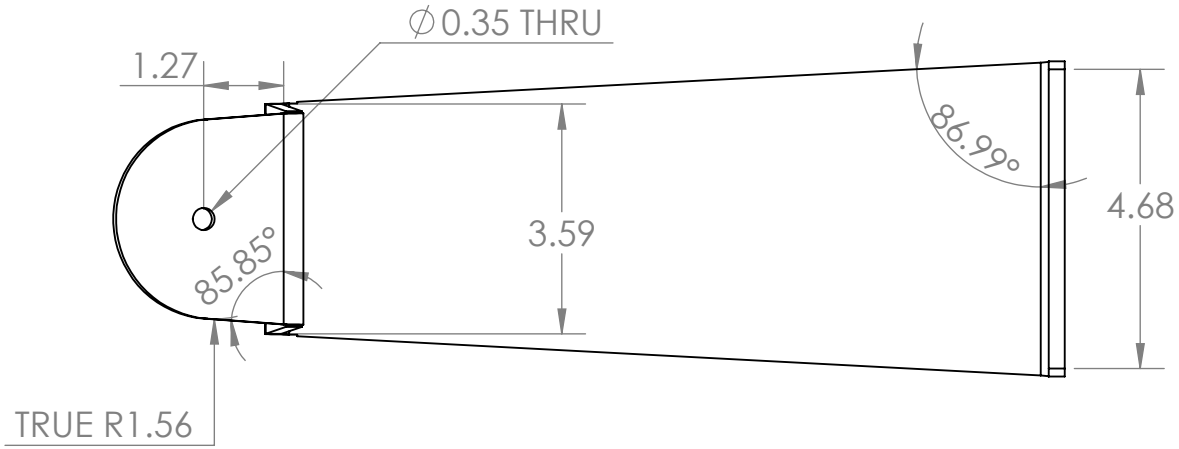
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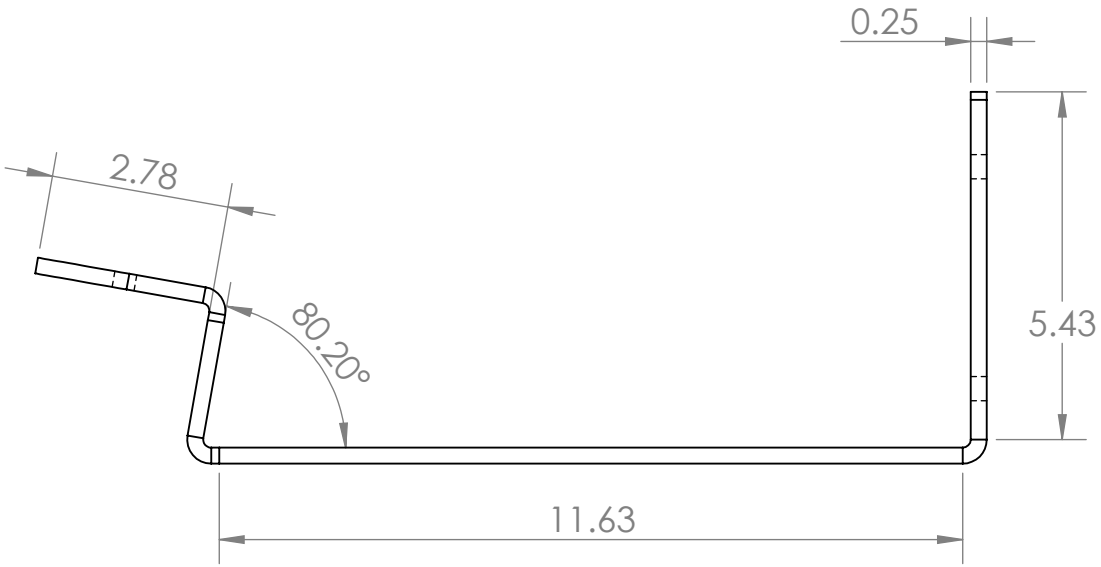
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Angle +/- .5 deg
.X +/- .025
.XX +/- .015
.XXX +/- .010

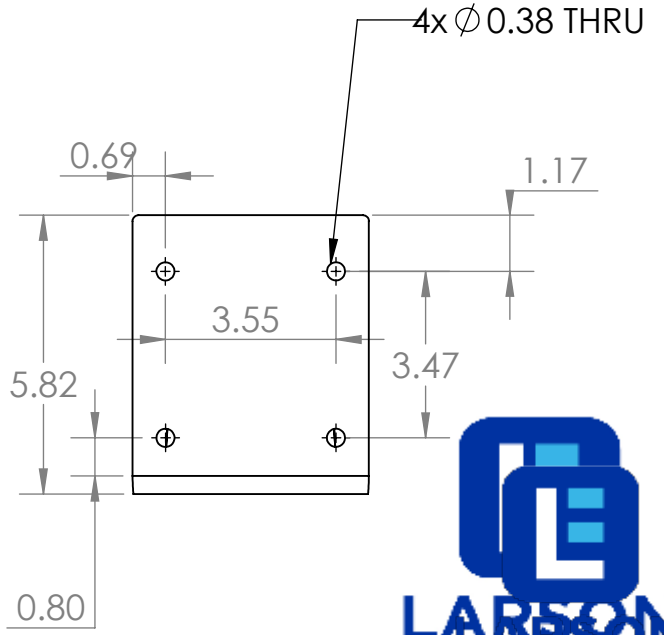
SURFACE AREA [sq. in]			NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

SIZE	DWG. NO.	REV
A	FAB00000825A	1
SCALE: NTS		SHEET 4 OF 13

5 4 3 2 1







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Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

SURFACE AREA [sq. in]		201.54	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

TITLE:

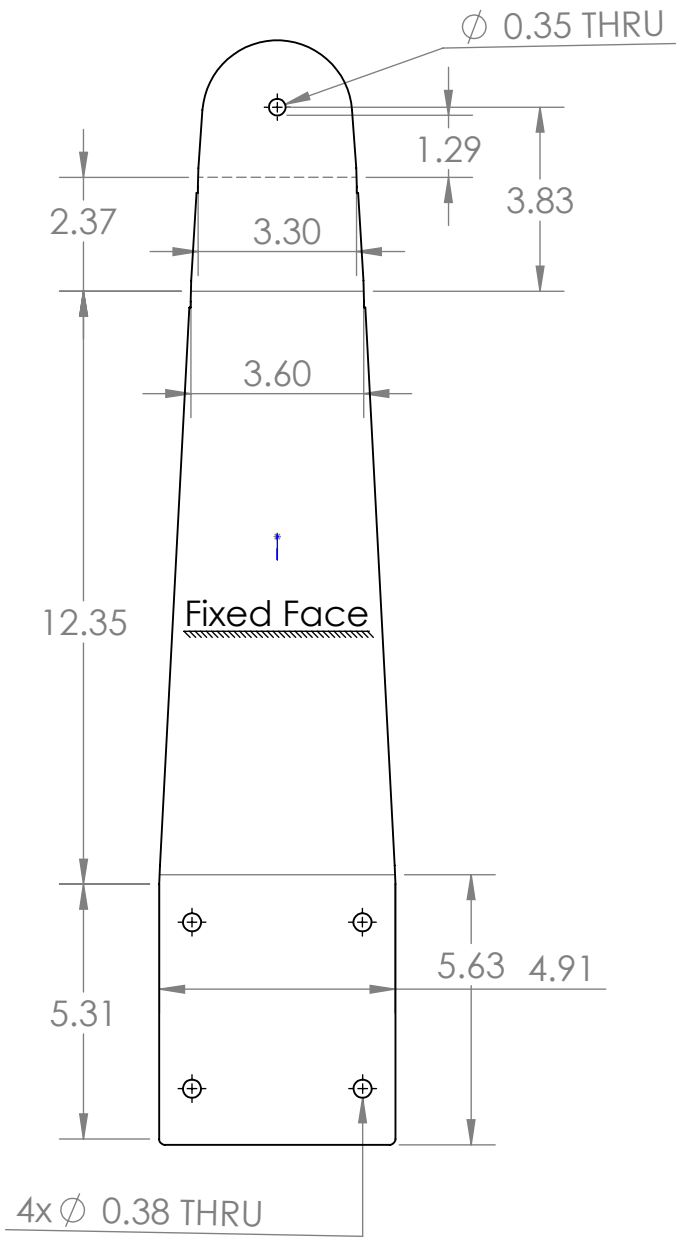
EPF-30-IBM-230V-5in-HORI

SIZE	DWG. NO.	REV
A	FAB00000825A-1	1

SCALE: NTS | SHEET 5 OF 13

5 4 3 2 1

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.13
B	UP	100°	0.13
C	UP	90°	0.13



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Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

SURFACE AREA [sq. in]		201.54	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

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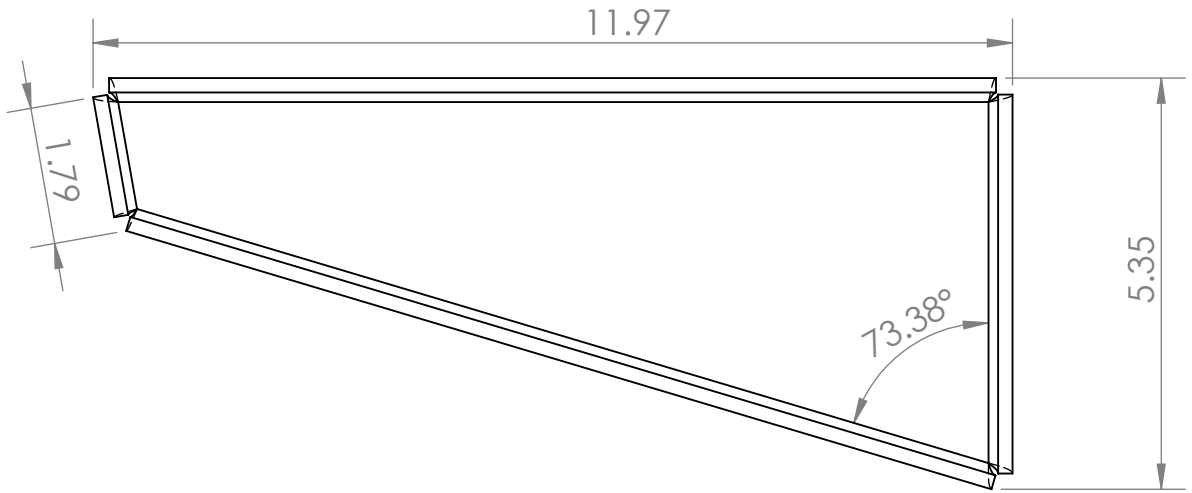
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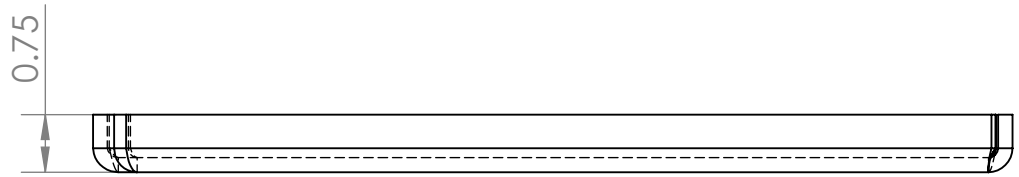
EPF-30-IBM-230V-5in-HORI

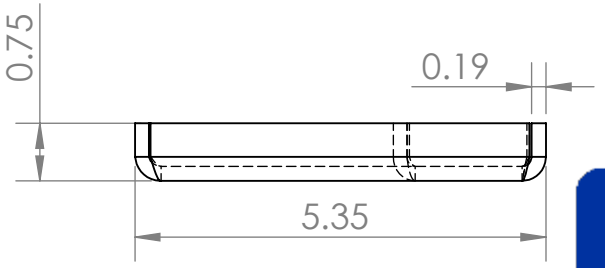
SIZE	DWG. NO.	REV
A	FAB00000825A-1	1

SCALE: NTS | SHEET 6 OF 13

5 4 3 2 1







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TITLE:

EPF-30-IBM-230V-5in-HORI

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.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

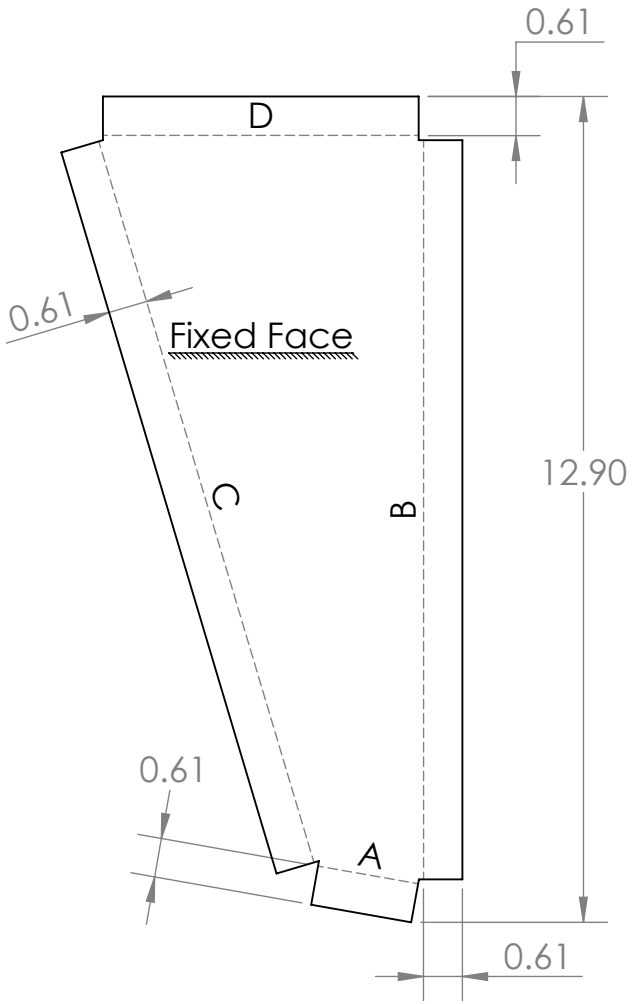
SURFACE AREA [sq. in]		152.15	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

SIZE	DWG. NO.	REV
A	FAB00000825A-2	1

SCALE: NTS

5 4 3 2 1

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.13
B	DOWN	90°	0.13
C	DOWN	90°	0.13
D	DOWN	90°	0.13





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TITLE:

EPF-30-IBM-230V-5in-HORI

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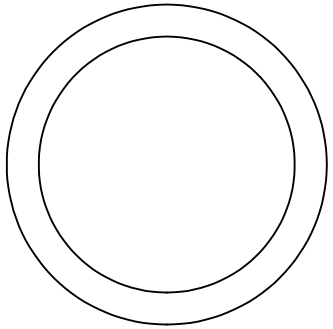
Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

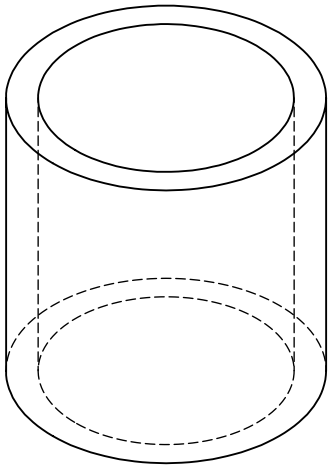
SURFACE AREA [sq. in]		152.15	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

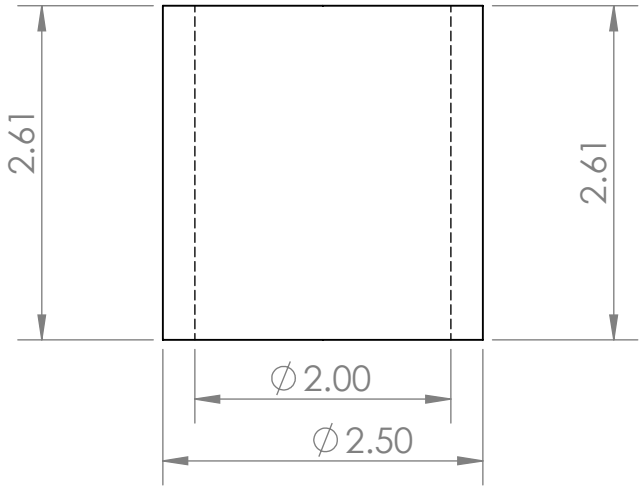
SIZE	DWG. NO.	REV
A	FAB00000825A-2	1

SCALE: NTS

5 4 3 2 1







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TITLE:

EPF-30-IBM-230V-5in-HORI

SURFACE AREA [sq. in]	40.43	NAME	
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

SIZE	DWG. NO.	REV
A	FAB00000825A-3	1

SCALE: NTS | SHEET 9 OF 13

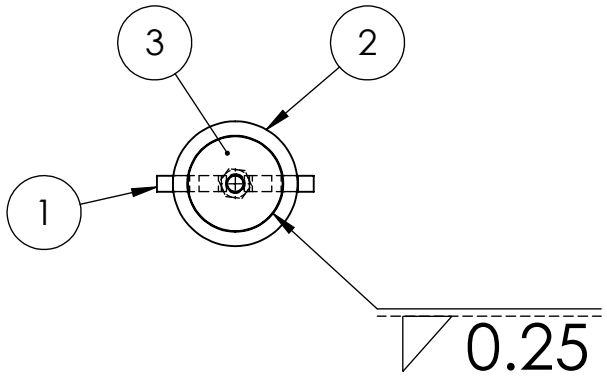
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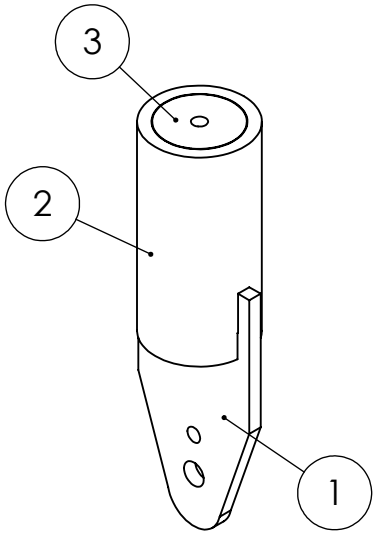
UNLESS OTHERWISE NOTED:

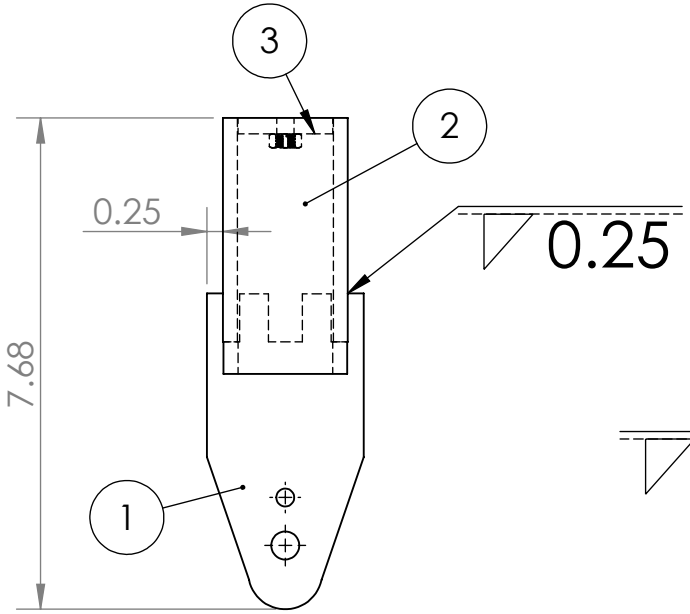
Angle	+/- .5 deg
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.XX	+/- .015
.XXX	+/- .010

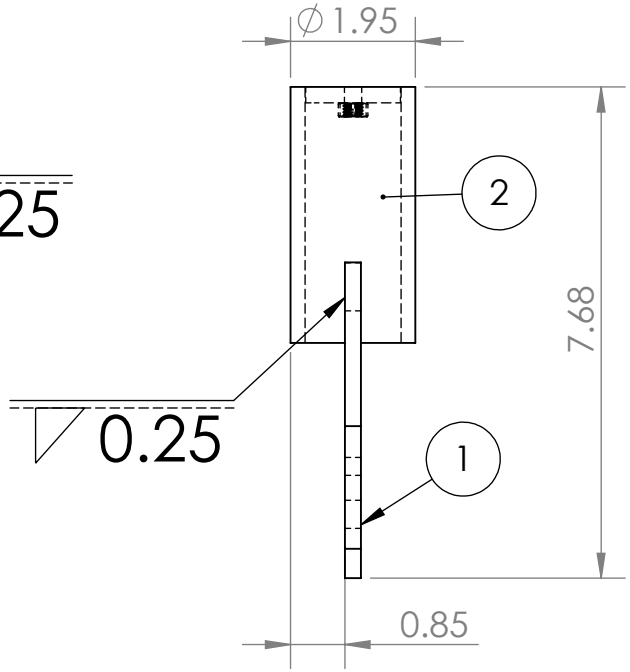
5 4 3 2 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAB00000825B-1	Connector Flange	1
2	FAB00000825B-2	Rotating tube	1
3	FAB00000825B-3	Cap ring	1









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TITLE:

FAN MOUNT

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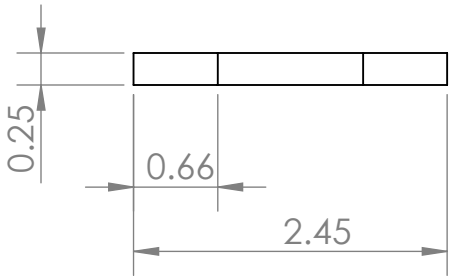
Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

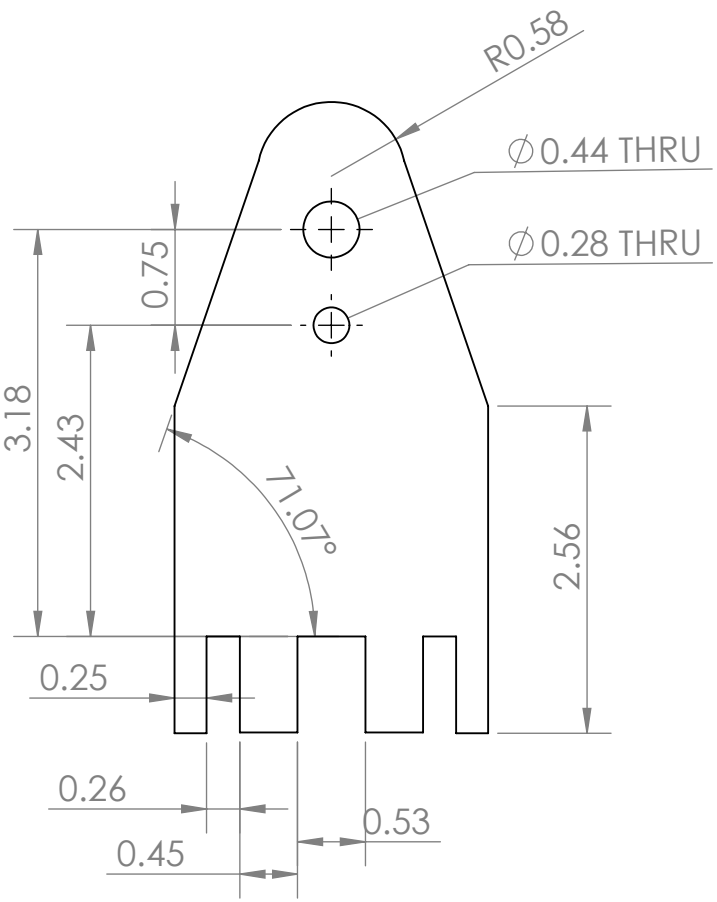
SURFACE AREA [sq. in]			NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

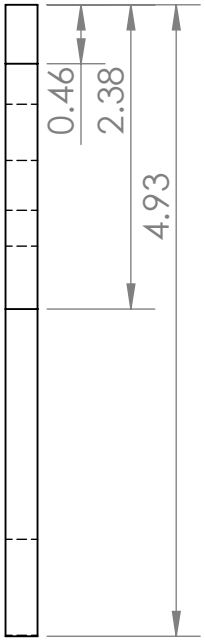
SIZE	DWG. NO.	REV
A	FAB00000825B	1

SCALE: NTS

5 4 3 2 1







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TITLE:

EPF-30-IBM-230V-5in-HORI

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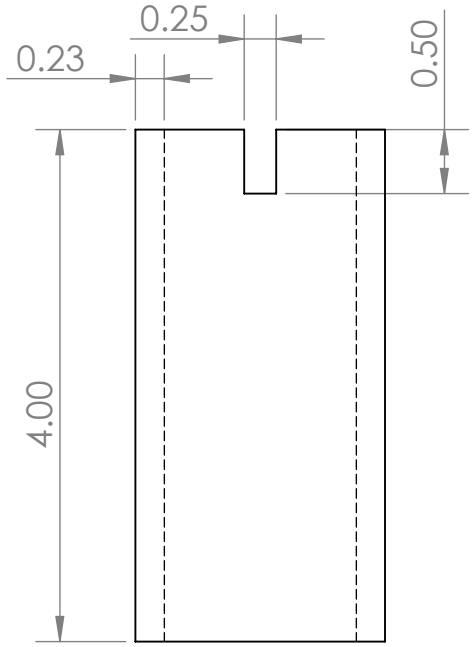
Angle	+/- .5 deg
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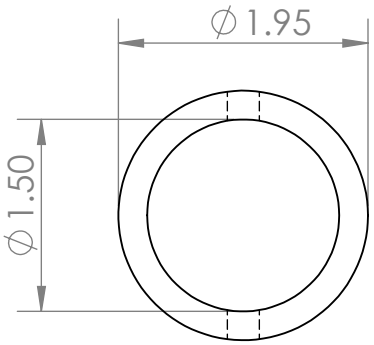
SURFACE AREA [sq. in]		23.14	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

SIZE	DWG. NO.	REV
A	FAB00000825B-1	1

SCALE: NTS

5 4 3 2 1





LARSON ELECTRONICS

TITLE:

EPF-30-IBM-230V-5in-HORI

SURFACE AREA [sq. in]	31.11	NAME	
DIMENSIONS ARE IN INCHES	DRAWN	Vivek Shukla	
MATERIAL Aluminium	CHECKED	N/A	
DO NOT SCALE DRAWING	DATE	05/07/2019	

SIZE	DWG. NO.	REV
A	FAB00000825B-2	1

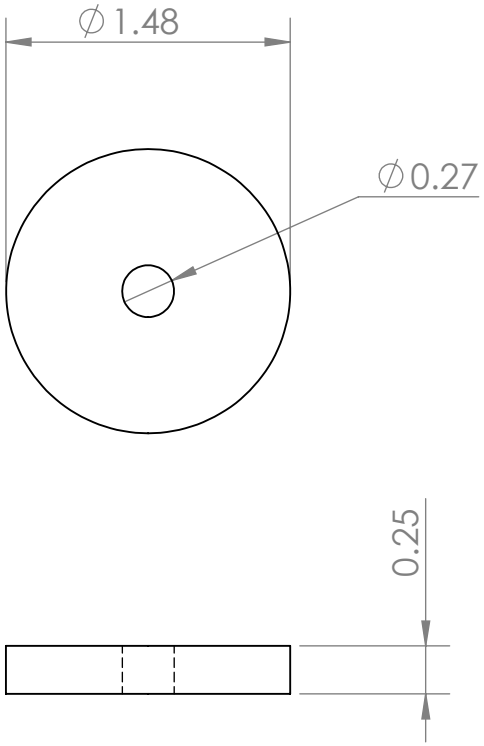
SCALE: NTS SHEET 12 OF 13

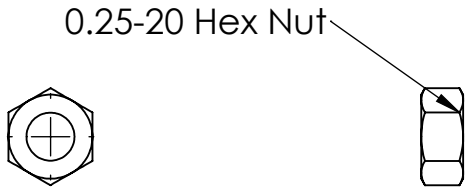
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Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

5 4 3 2 1





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TITLE:

EPF-30-IBM-230V-5in-HORI

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Angle	+/- .5 deg
.X	+/- .025
.XX	+/- .015
.XXX	+/- .010

SURFACE AREA [sq. in]		6.65	NAME
DIMENSIONS ARE IN INCHES		DRAWN	Vivek Shukla
MATERIAL	Aluminium	CHECKED	N/A
DO NOT SCALE DRAWING		DATE	05/07/2019

SIZE	DWG. NO.	REV
A	FAB00000825B-3	1

SCALE: NTS

5 4 3 2 1

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



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Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPF Series
Description: Explosion Proof Fan

Evaluated Listings:

- **UL:** PTDR.E312535 – NEC / United States standards for MOTORS FOR USE IN HAZARDOUS LOCATIONS
- **UL:** PTDR2.E312535 – NEC / United States standards for ELECTRIC MOTORS, MOTOR SUBASSEMBLIES AND MOTOR ACCESSORIES FOR USE IN HAZARDOUS LOCATIONS – COMPONENT
- **UL:** PTDR7.E312535 – CEC / Canada standards for MOTORS FOR USE IN HAZARDOUS LOCATIONS CERTIFIED FOR CANADA
- **UL:** PTDR8.E312535 – CEC / Canada standards for ELECTRIC MOTORS, MOTOR SUBASSEMBLIES AND MOTOR ACCESSORIES FOR USE IN HAZARDOUS LOCATIONS CERTIFIED FOR CANADA – COMPONENT

The EPF Series is certified to NEC and CEC standards hazardous locations for:

- NEC: Class I, Divisions 1 & 2, Groups C, D; Class II, Divisions 1 & 2, Groups E, F, G
- CEC: Class I, Divisions 1 & 2, Groups C, D; Class II, Divisions 1 & 2, Groups E, F, G

The EPF Series is comprised of a Bluffton explosion proof motor. This motor is custom mounted to the fan cage and non sparking fan propeller assembly. The fan assembly may be mounted to a portable stand or cart. The fan assembly may be equipped with cord or controls. This assembly is built to NEC and CEC standards for hazardous locations.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

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Product Description

Title:	INDUSTRIAL CONTROL PANELS
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Industrial Control Panels For General Use.
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Panels (UL-508A) and are identified with the ETL Listed Mark.

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Product Description

Title:	EXPLOSION-PROOF & DUST IGNITION-PROOF ELECTRICAL EQUIPMENT FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (UL-1203) and are identified with the ETL Listed Mark.

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Product Description

Title:	INDUSTRIAL CONTROL EQUIPMENT
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Industrial Control Panels For General Use. Industrial Control Panels Relating to Hazardous (Classified) Locations, Custom Industrial Control Panels. Power Distribution System, Model Nos. MGL, MPD, MGS series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

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Product Description

Title:	ENCLOSURES
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for use in Hazardous Locations: Class I, Div. 1, Groups C and D T5 or T6 -20°C < Tamb < 40°C Class II, Div. 1., Groups E, F, and G; Class III Div.1 T3B -20°C < Tamb < 40°C
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Enclosures for use in Class II, Groups E, F, G Hazardous Locations (CAN/CSA-C22.2 No. 25) and are identified with the cETL Listed Mark.

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Product Description

Title:	EXPLOSION-PROOF ENCLOSURES FOR USE IN CLASS I HAZARDOUS LOCATIONS
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof Enclosures for Use in Class I Hazardous Locations (CAN/CSA-C22.2 No. 30) and are identified with the cETL Listed Mark.

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Material Safety Data Sheet

To Whom It May Concern,

The Larson Electronics LLC EPF industrial line of fans for hazardous locations are considered "ARTICLES" under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS). This document does not expire.

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

i. Which is formed to a specific shape or design during manufacture;
ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
iii. Which under normal conditions does not release more than very small quantities.

The "hazardous location" and "explosion proof" are terminology for the environment where these products will be installed. This is not to be confused with "hazardous materials;" this product does not contain any hazardous materials.

Regards,

Ray Smith
Larson Electronics, LLC.

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UL Product iQ™

PTDR.E312535 - Motors for Use in Hazardous Locations

Motors for Use in Hazardous Locations

See General Information for Motors for Use in Hazardous Locations

BLUFFTON MOTOR WORKS L L C, A SUBSIDIARY OF WEG ELECTRIC CORP E312535
410 E SPRING ST
BLUFFTON, IN 46714-3737 USA
Class I, Groups Cand D; Class II, Groups E, F and G.

Also Class I, Groups C and D; Class II, Groups E, F and G motors with labeled brakes. The brakes in these explosion-proof and dust-ignition proof assemblies are intended essentially for holding purposes and may be used for stopping light inertia loads.

Trademark and/or Tradename: "E312535", "Bluffton Motor Works", "WEG", "WEG Commercial Motors",

Last Updated on 2018-07-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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UL Product iQ™

PTDR2.E312535 - Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations - Component

Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations - Component

See General Information for Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations - Component

BLUFFTON MOTOR WORKS L L C, A SUBSIDIARY OF WEG ELECTRIC CORP E312535
410 E SPRING ST
BLUFFTON, IN 46714-3737 USA
Class I, Group D.

Electric motor subassemblies, Frame 48, Model Nos. 4421007425, 4421007427, 4421007428, 4421007435 and 4421007436; Rotor Part Nos. 260447904, 260447905 and 262722914.

Conditions of Acceptability:

1. The acceptability of these devices with a specific end product is dependent upon the addition of drive-end endshield or pump housing and an opposite drive end endshield to complete the explosion-proof enclosure.

Additional Conditions of Acceptability may be included in the Report available from the manufacturer.

Marking: Company name, Tradename or trademark "Bluffton Motor Works", "WEG", "WEG Commercial Motors", BLUFFTON MOTOR WORKS , WEG product identification electrochemically etched on the stator and the Recognized Component Mark .
Additional markings may be included in the Report available from the manufacturer.

Last Updated on 2018-07-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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UL Product iQ™

PTDR7.E312535 - Motors for Use in Hazardous Locations Certified for Canada

Motors for Use in Hazardous Locations Certified for Canada

See General Information for Motors for Use in Hazardous Locations Certified for Canada

BLUFFTON MOTOR WORKS L L C, A SUBSIDIARY OF WEG ELECTRIC CORP E312535
410 E SPRING ST
BLUFFTON, IN 46714-3737 USA
Class I, Groups C and D; Class II, Groups E, F and G.

Also Class I, Groups C and D; Class II, Groups E, F and G motors with labeled brakes. The brakes in these explosion-proof and dust-ignition proof assemblies are intended essentially for holding purposes and may be used for stopping light inertia loads.

Trademark and/or Tradename: "E312535", "Bluffton Motor Works", "WEG", "WEG Commercial Motors",

Last Updated on 2018-07-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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UL Product iQ™

PTDR8.E312535 - Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations Certified for Canada - Component

Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations Certified for Canada - Component

See General Information for Electric Motors, Motor Subassemblies and Motor Accessories for Use in Hazardous Locations Certified for Canada - Component

BLUFFTON MOTOR WORKS L L C, A SUBSIDIARY OF WEG ELECTRIC CORP E312535
410 E SPRING ST
BLUFFTON, IN 46714-3737 USA
Class I, Group D.

Electric motor subassemblies, Frame 48, Models 4421007425, 4421007427, 4421007428, 4421007435 and 4421007436; Rotor Part Nos. 260447904, 260447905 and 262722914.

Conditions of Acceptability:

1. The acceptability of these devices with a specific end product is dependent upon the addition of drive-end endshield or pump housing and opposite drive end endshield to complete the explosion-proof enclosure.

Additional Conditions of Acceptability may be included in the Report available from the manufacturer.

Marking: Company name, Tradename or trademark "Bluffton Motor Works", "WEG", "WEG Commercial Motors", BLUFFTON MOTOR WORKS , WEG and model designation electrochemically etched on the stator and the Recognized Component Mark for Canada c UL us .

Additional markings may be included in the Report available from the manufacturer.

Last Updated on 2018-07-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPF Series
Description: Explosion Proof Fans

Evaluated Listings:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The EPF series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPF Series
Description: Explosion Proof Fans

Evaluated Listings:

CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPF Series
Description: Explosion Proof Fans

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Frequently Asked Questions (FAQ)

There are no Faqs