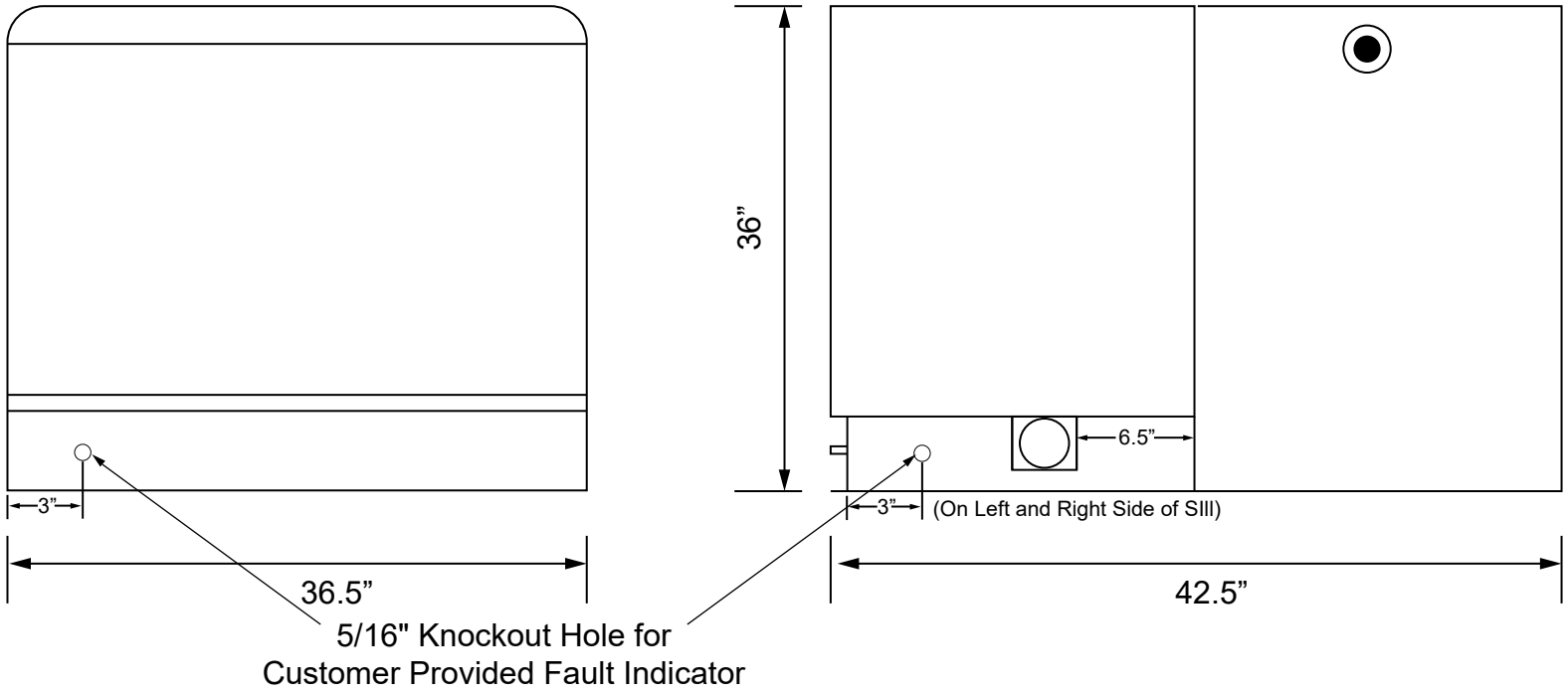


For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

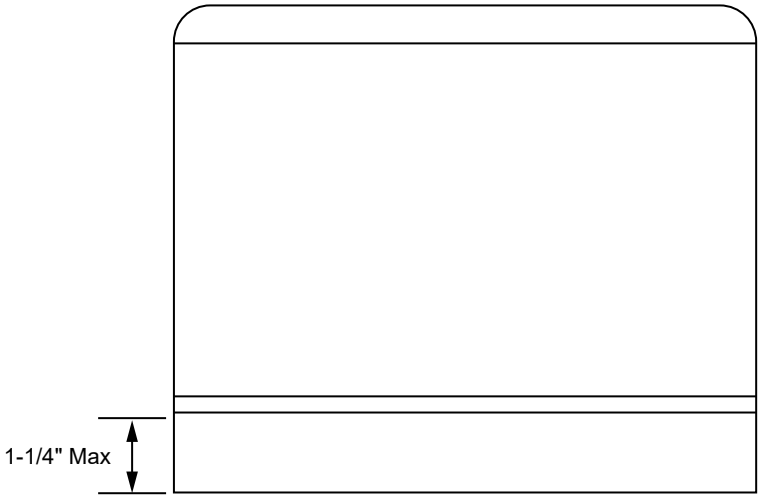
LARSON MAGNETICS

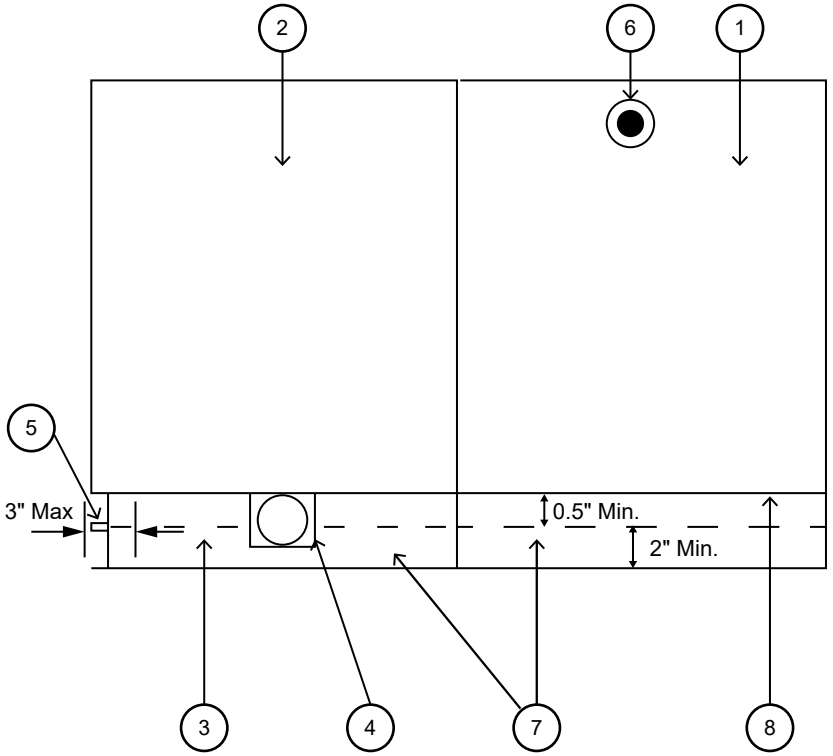
		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

SHEET 1 OF 7

5 4 3 2 1





NO.	NAME
1	Transformer Tank
2	Lift-Up Hinged Lid
3	Removable Base Sill, Steel w/ 2" Undercoating
4	2.5" Dia. Access Hole w/ Cover Plate
5	Pentahead Bolt w/ Padlock Provision
6	Lifting Boss
7	Tank Skirt, Steel w/ 2" Undercoating
8	Tank Faceplate, Steel

Approx Weight: 507.05 lbs.
Approx Fluid Capacity: 61.11 Gal

Mineral Oil, Non-PCB Containing Fluid

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

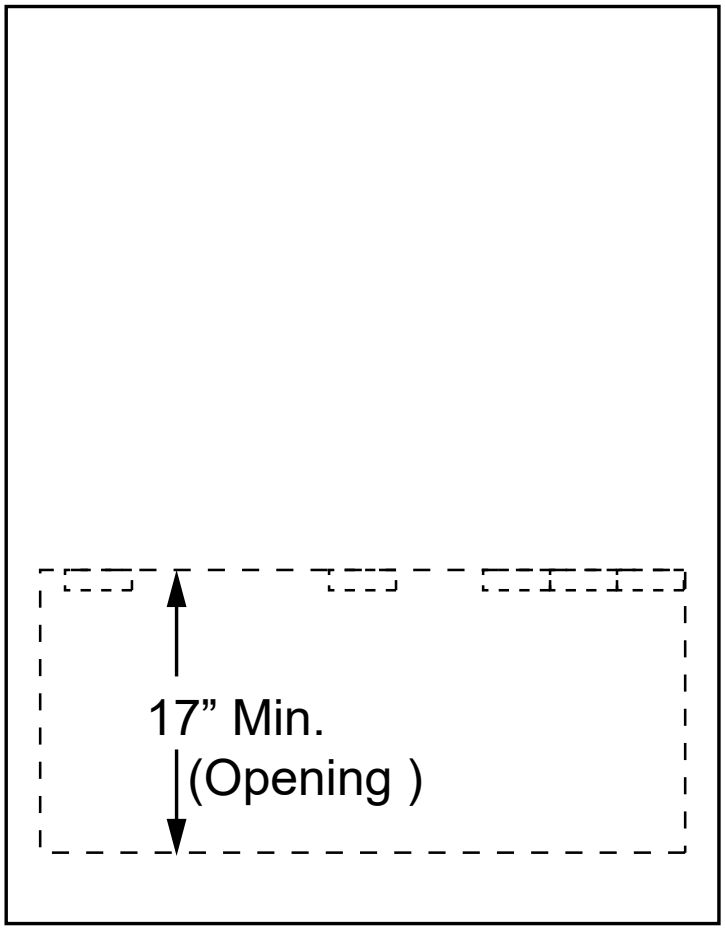
LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

SHEET 2 OF 7

5 4 3 2 1



TOP

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

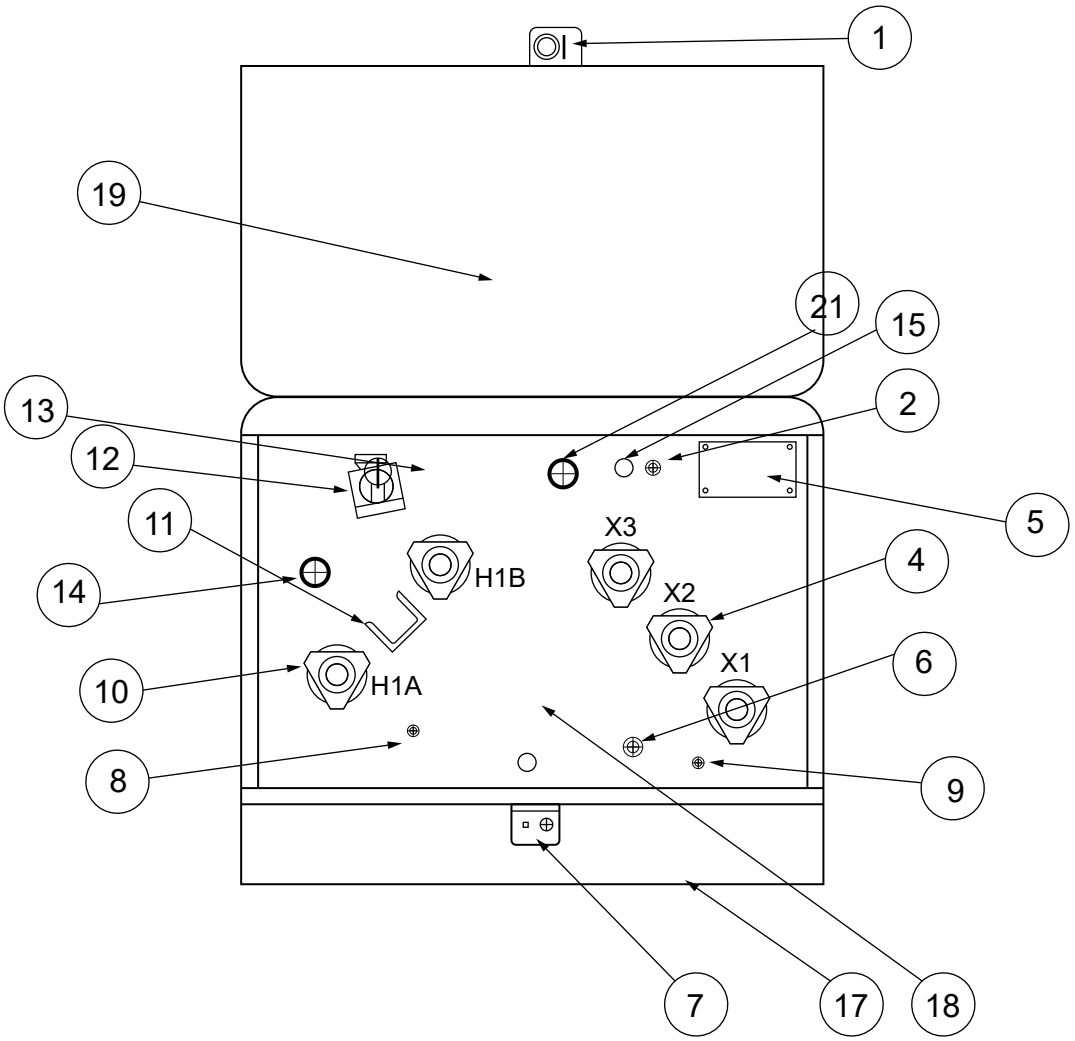
LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

SHEET 3 OF 7

5 4 3 2 1



SQ	NAME	QTY	REMARK
1	Lock mechanism	1	Pentahead Bolt
2	Pressure relief valve	1	automatic action
3	oil level gauge	0	N/A
4	Low Voltage Bushing	3	Copper Stud w/ Jam Nuts
5	Name Plate	1	stainless steel riveted
6	Drain Plug	1	1/2" NPT Port w/ Bolt Plug
7	Padlock Posistion	1	
8	HV Grounding Lug	1	1/2"-13 UNC x 7/16" Deep
9	LV Grounding Lug	1	1/2"-13 UNC x 7/16" Deep
10	High-voltage Bushing Wells	2	200A Well Bushings
11	Parking Stand for Elbow Connectors	1	
12	Bayonet Fuse	1	w/ Flapper & Drip Shield
13	Backup Current Limiting Fuse	1	Oil Immersed in Tank
14	Load Break Switch	1	4-Pos. LBOR
15	Fill Plug	1	1/2" NPT Port w/ Bolt Plug w/o Sampler
16	Temperature Gauge	0	N/A
17	Transformer Base	1	steel
18	Transformer Housing	1	steel
19	Lift Up Lid	1	steel
20	Pressure/Vacuum Gauge	0	N/A
21	Tap Changer	1	5-Position Tap Changer

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

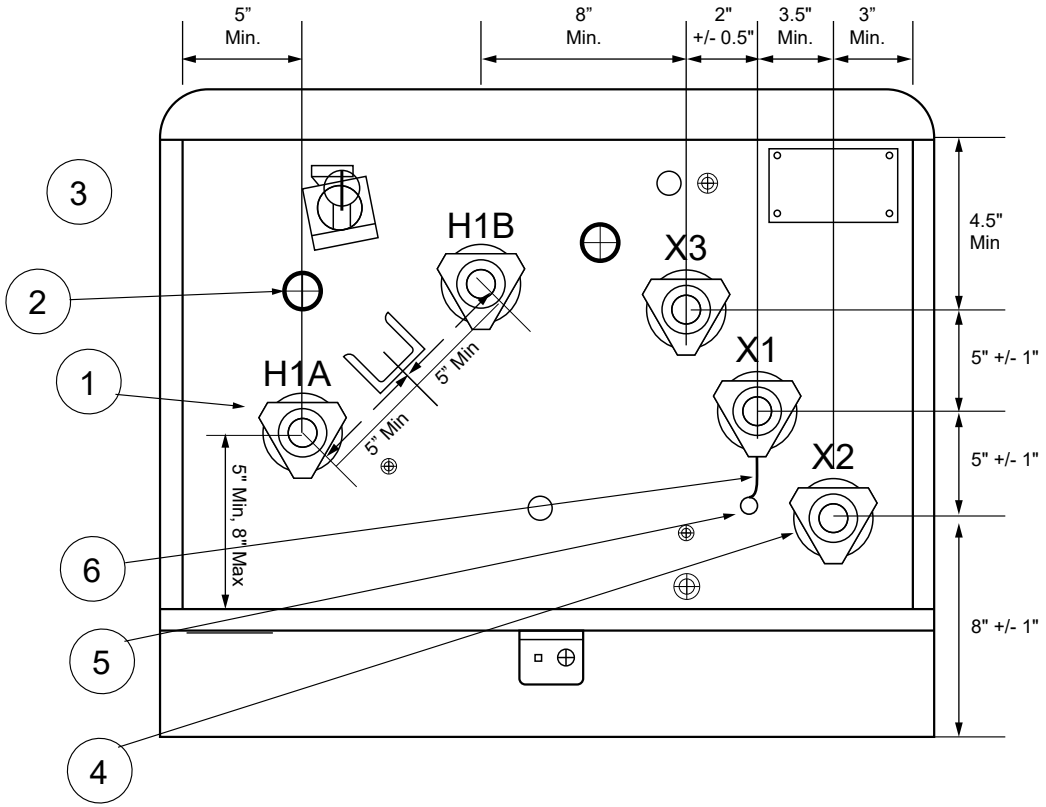
LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

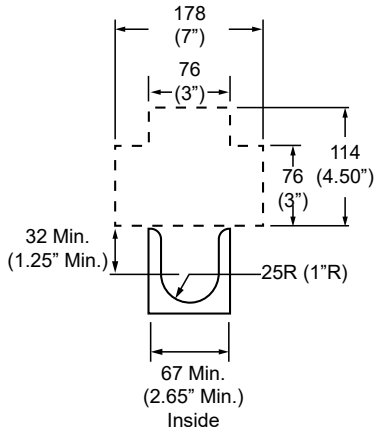
SIZE	DWG. NO.	REV
A		

SHEET 4 OF 7

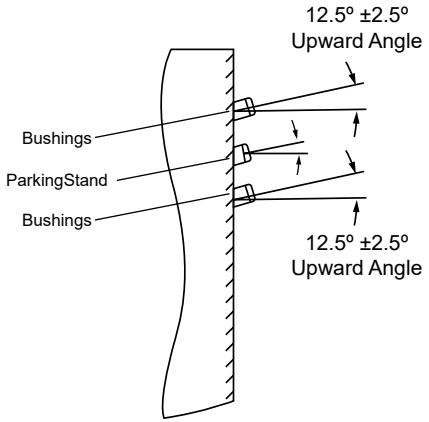
5 4 3 2 1

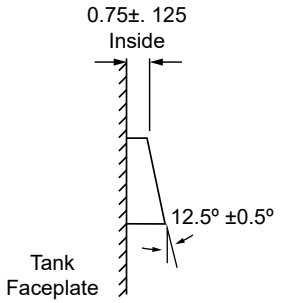


Parking stand



127 mm (5 in) minimum height at front of sill as viewed with door open (inclusive of any baffles)





NO.	NAME	BIL	KV RATING	AMPERAGE	REMARK
1	HV Bushing Wells	95 kV	15 kV	200A	Well Bushings w/ Inserts
2	Load Break Switch	95 kV	15 kV	200A	4-Pos. LBOR
3	Parking Stand				
4	LV Bushings	30 kV	1.2 kV		5/8-11 x 1.25" Copper Stud
5	X2 Ground Boss				1/2"-13 UNC x 7/16" Deep
6	X2 Ground Strap Copper				Copper, X0 to Tank

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

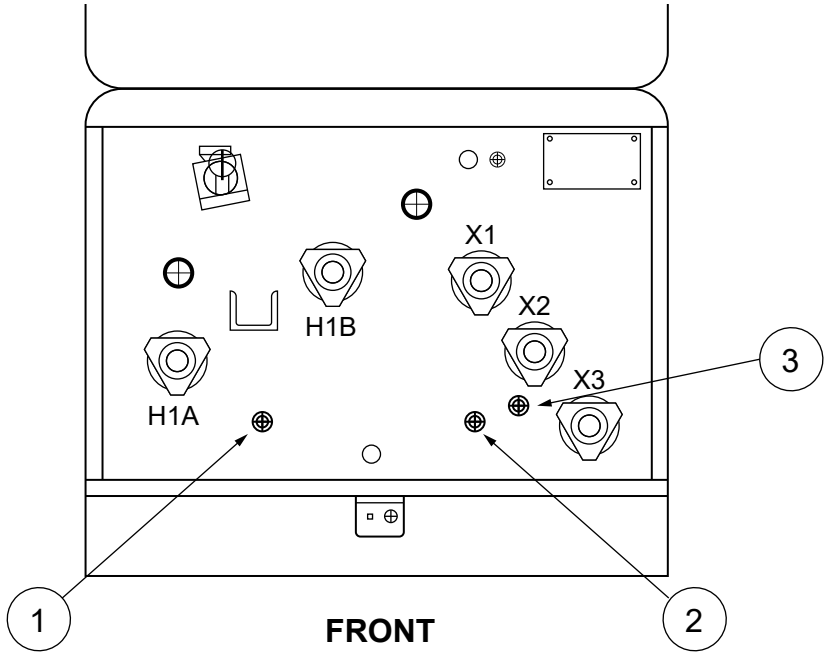
LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

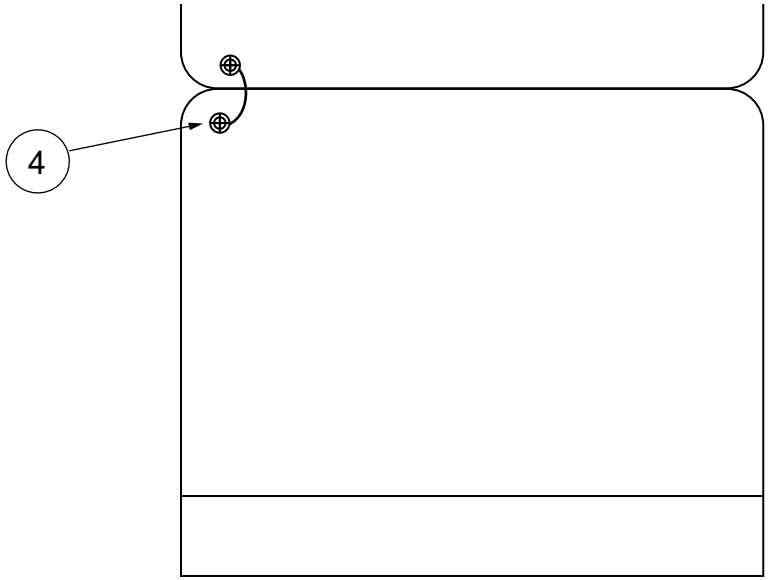
SIZE	DWG. NO.	REV
A		

SHEET 5 OF 7

5 4 3 2 1



FRONT



BACK

NO.	NAME	QTY	REMARK
1	HV Ground Boss	1	1/2”-13 UNC x 7/16” Deep
2	LV Ground Boss	1	1/2”-13 UNC x 7/16” Deep
3	X2 Ground Boss	1	1/2”-13 UNC x 7/16” Deep
4	Tank to Lid Ground	1	4 AWG Flexible Copper Braid Ground Strap

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

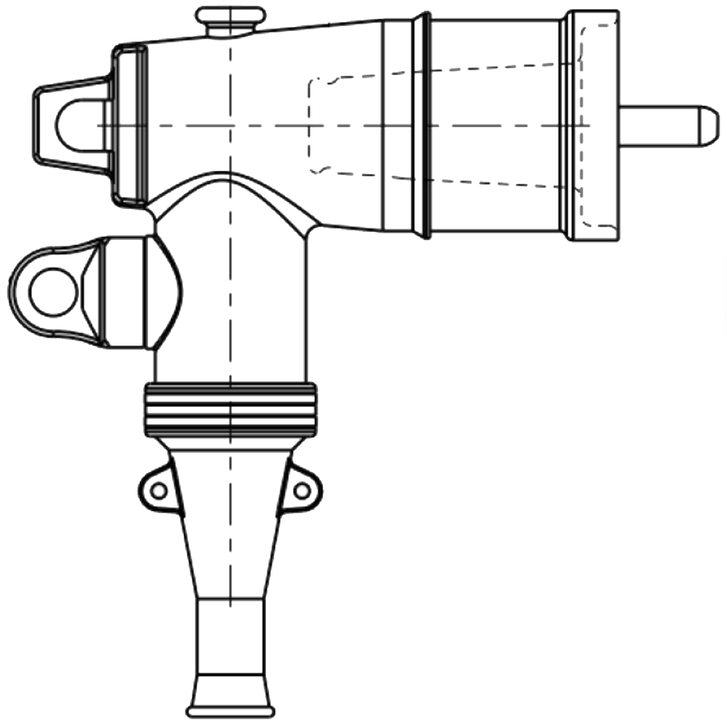
SIZE	DWG. NO.	REV
A		

SHEET 6 OF 7

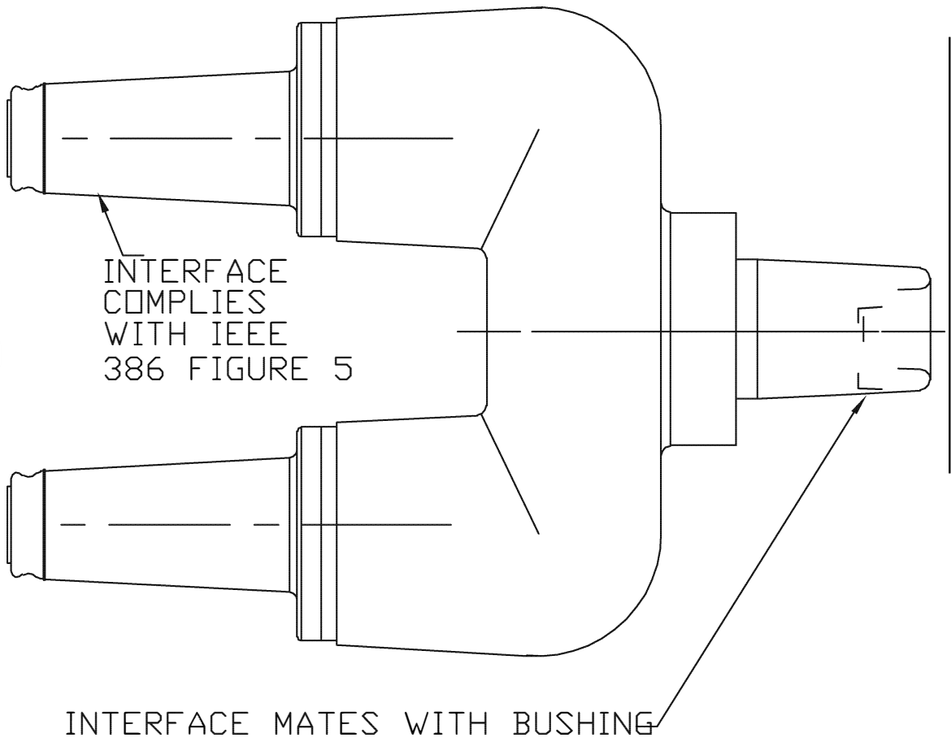
5 4 3 2 1

High Voltage Bushings

15 kV 200A Load Break Elbow Connector - Red



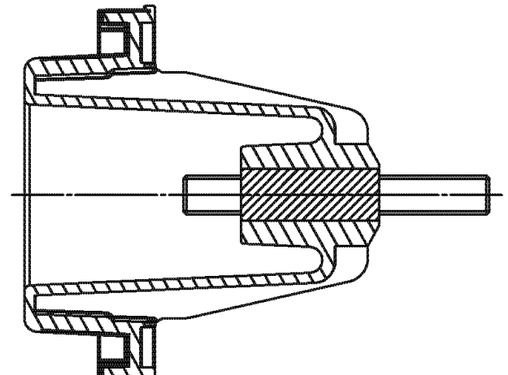
15 kV 200A Load Break Bushing Feed-Thru Insert - Red



External Clamp



15/25 kV 200A Load Break Bushing Well



Product Ratings

Operating Voltage	8.3 kV Line-Ground 14.4 kV Line-Line
Impluse Withstand	95 kV BIL
AC Withstand	34 kV
DC Withstand	53 kV
Partial Discharge	11 kV CEV
Momentary	10 kA, 10 cycles
Continuous and Loadbreak Current	200 Amps
Color Code	Red per IEEE 386

For approval / preliminary design only. Not for order build specific

Designed by:	Checked by:	Approved by:	k.V.A:	Votage:	Date:	Scale:	Note! Do not scale copies

LARSON ELECTRONICS

SKU: MT-PML-R24-1P-GMP-50KVA-SZ-LT-DF-A6-BM-CZ-1K4-M1

Drg. No. :	Code:	Paper:	Rev.	Sheet:
				7 OF 7