

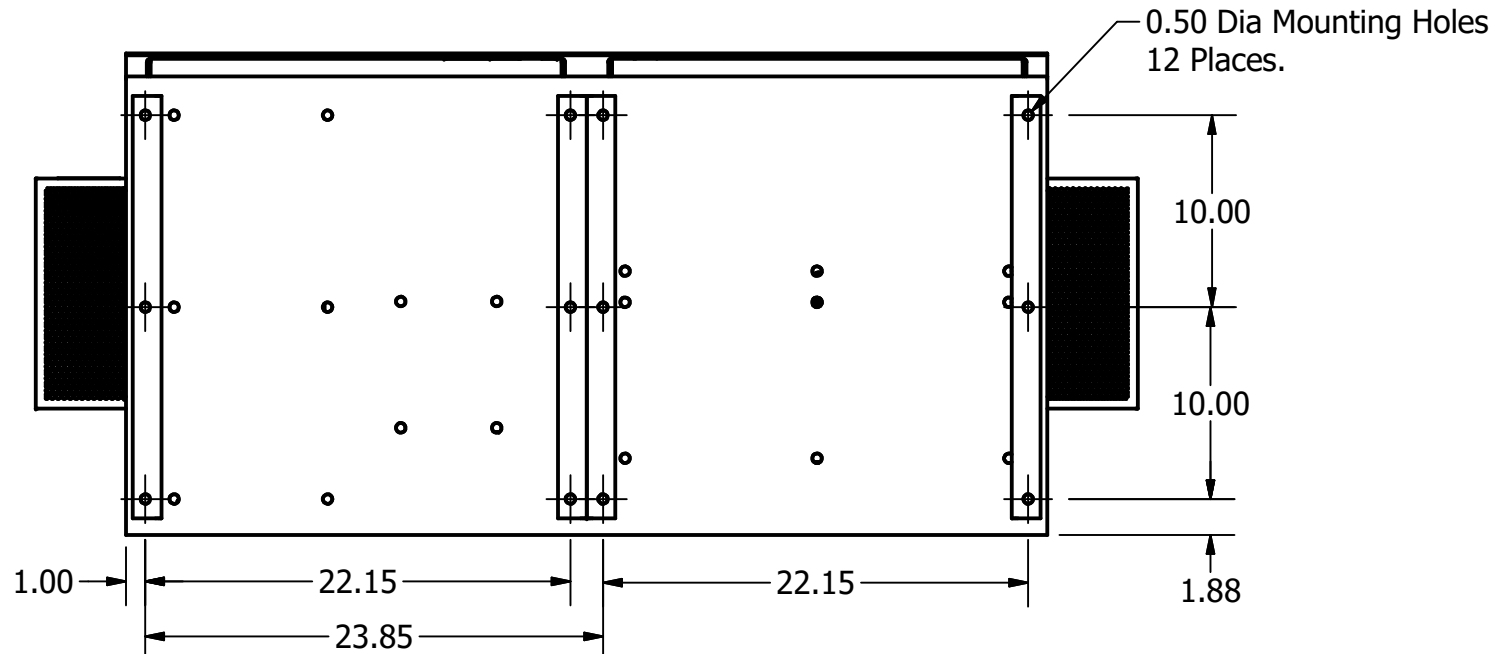
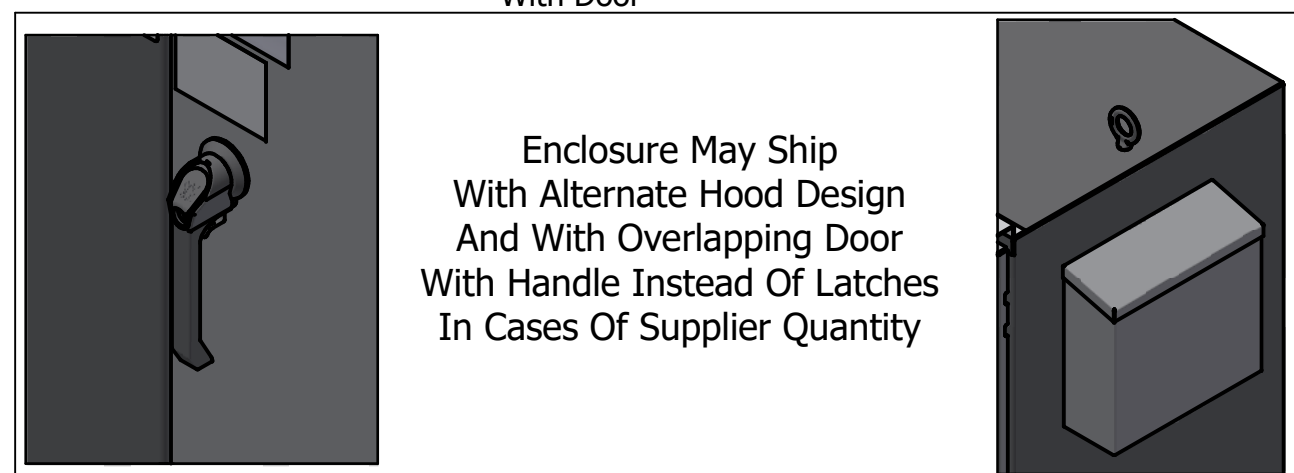
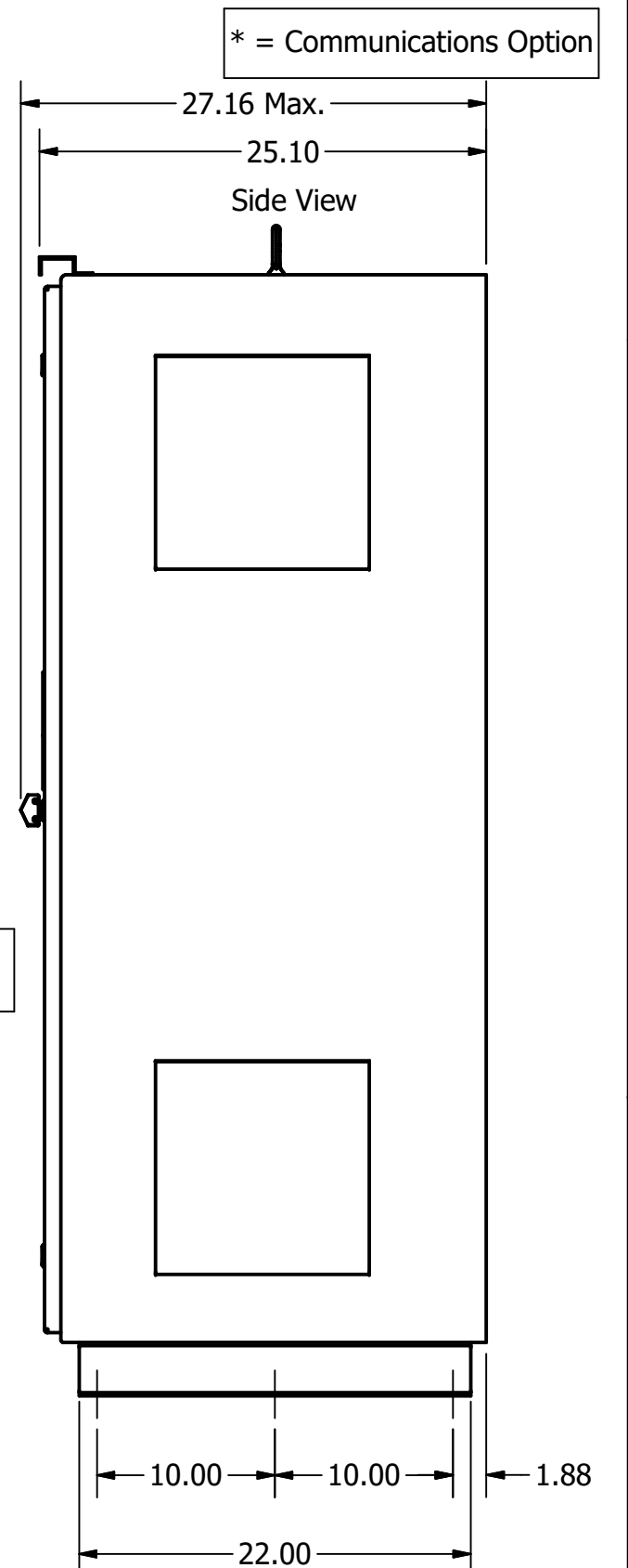
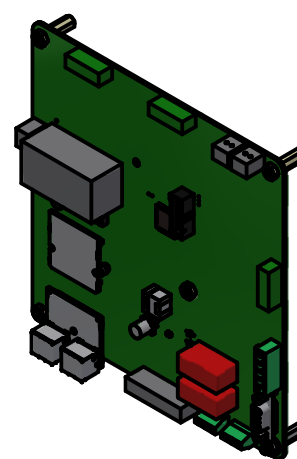
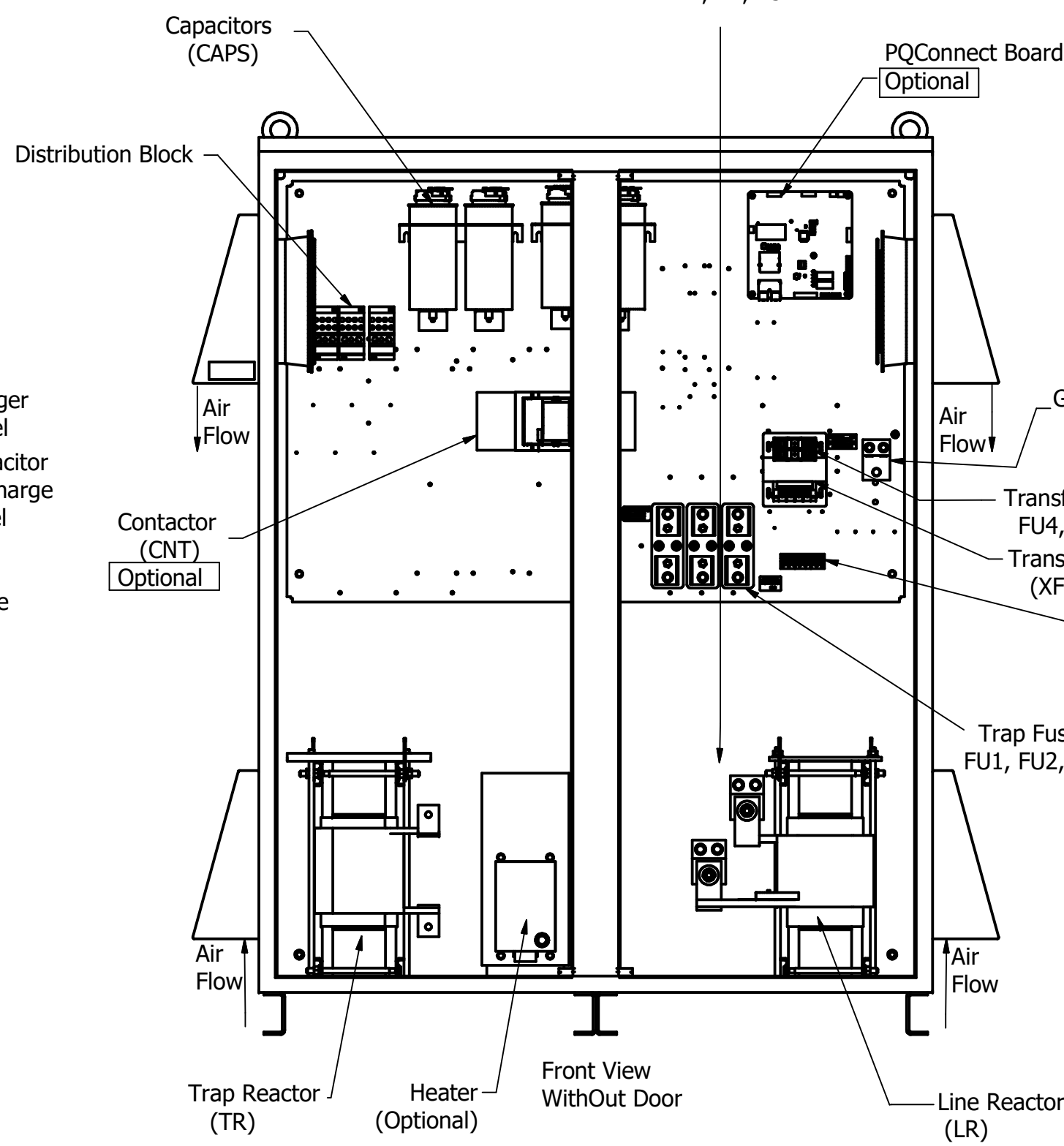
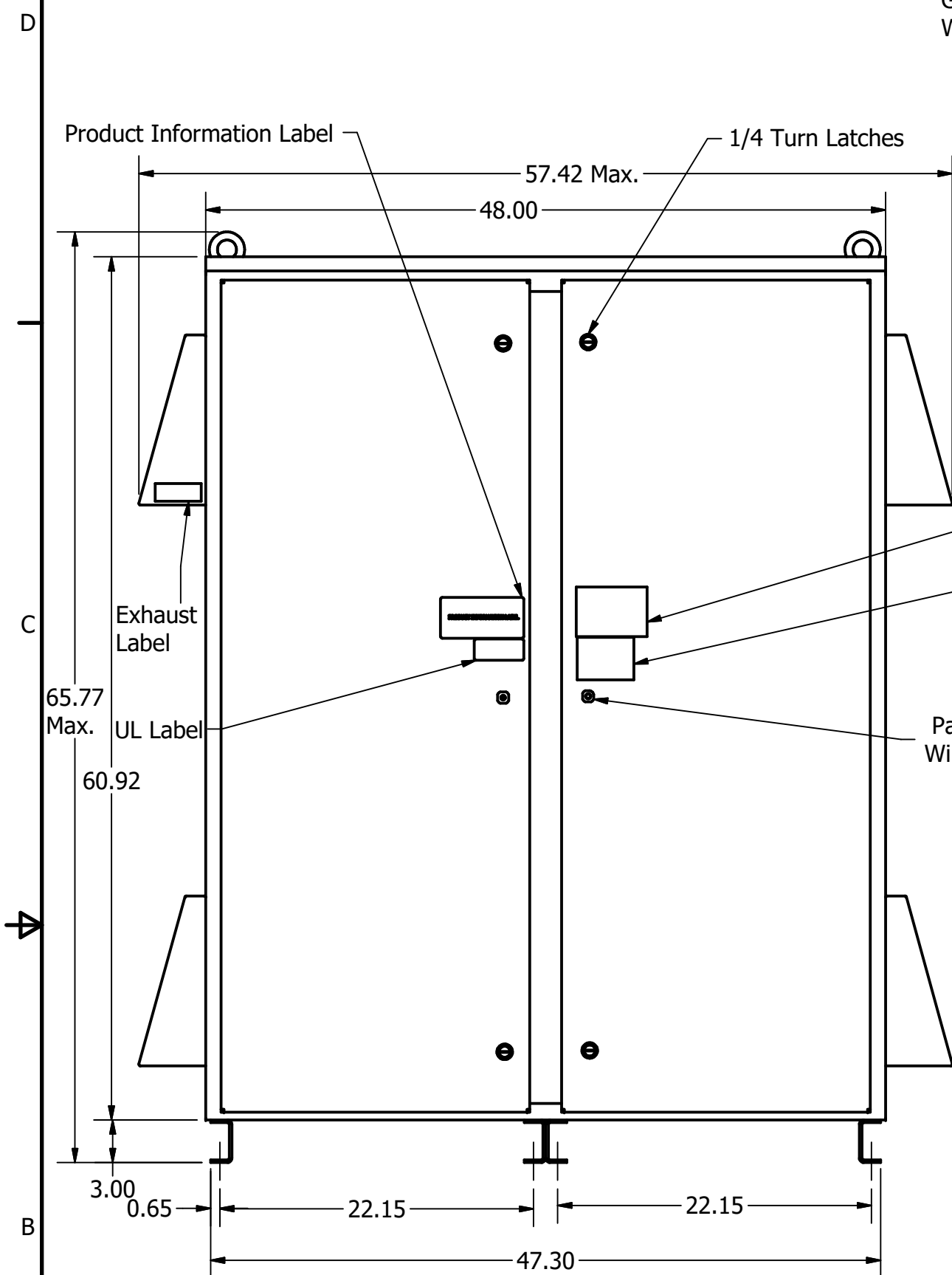
Unit Specifications					
kVar	Harmonic	Volt	HZ.	Phase	HP
70	5TH	480	60	3	450

Note: For Torque Information
See IOM Manual

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: Two, 600MCM to 2AWG.

Ground Lug
Wire Range: Two, 600MCM to 2AWG.

HGL Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0450AW3S0000	30856-1S	995
HGL0450AW3C0000	30586-1C	1004
HGL0450AW3C000H	30586-H	1024
HGL0450AW3S*000	30856-PQ1	998
HGL0450AW3C*000	30586-PQ	1007
HGL0450AW3C*00H	30586-PTH	1027



Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

NOTE: USE ONLY HUBS OR FITTINGS THAT COMPLY WITH UL514B FOR TYPE 3R ENCLOSURES

Components	HGL0450AW3-----					
	S0000	C0000	C000H	S*000	C*000	C*00H
Line Reactor (LR)	x	x	x	x	x	x
Trap Reactor (TR)	x	x	x	x	x	x
Capacitor (Cap)	x	x	x	x	x	x
Trap Fusing, FU1, FU2, FU3	x	x	x	x	x	x
Contactor (CNT)		x	x		x	x
Transformer (XFMR)	x	x	x	x	x	x
XFMR Fusing, FU4, FU5	x	x	x	x	x	x
PQConnect Board				x	x	x
Heater			x			x

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES.

NO	REVISION	DATE	BY	ANGULAR
F	6304 Update With Max+Alts	06/09/23	JRN	DECIMAL
E	6155 Added Heater Option	01/25/23	JRN	.XX ± .25 .XXX ± .10
D	6024, Add PQ Option	08/30/2022	GJS	FRACTIONAL ± 1/32
C	5085 Updated Trap Reactor	02/12/20	JRN	
B	Add PQConnect	2/19/19	DSW	
NO				± 1°

Material(s) Shall be RoHS Compliant

TCL W132N10611 Grant Drive
Germantown, WI 53022
© 2022 TCL, LLC

An Allied Motion Company

HarmonicGuard Low Capacitance
HGL, 450HP, 480/3/60, Type 3R

DRN BY: DSW DATE: 4/4/17 SIZE: 107040DG
SCALE: 1/8 APRVD: C

SHT.1 OF 1