

ABB BALDOR RELIANCE III

Customer information packet

ECS100T4H7FF4

7.5HP, 1800RPM, 3PH, 60HZ, 213T, TEFC, TOP

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	213T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Phase	3
Agency Approvals	UL WEEE
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Design Code	0
Drip Cover	No Drip Cover
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
Inverter Code	Inverter Duty
IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	3 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3730B
Mounting Arrangement	F1
Number of Poles	4
Overall Length	18.10 IN

Part Detail

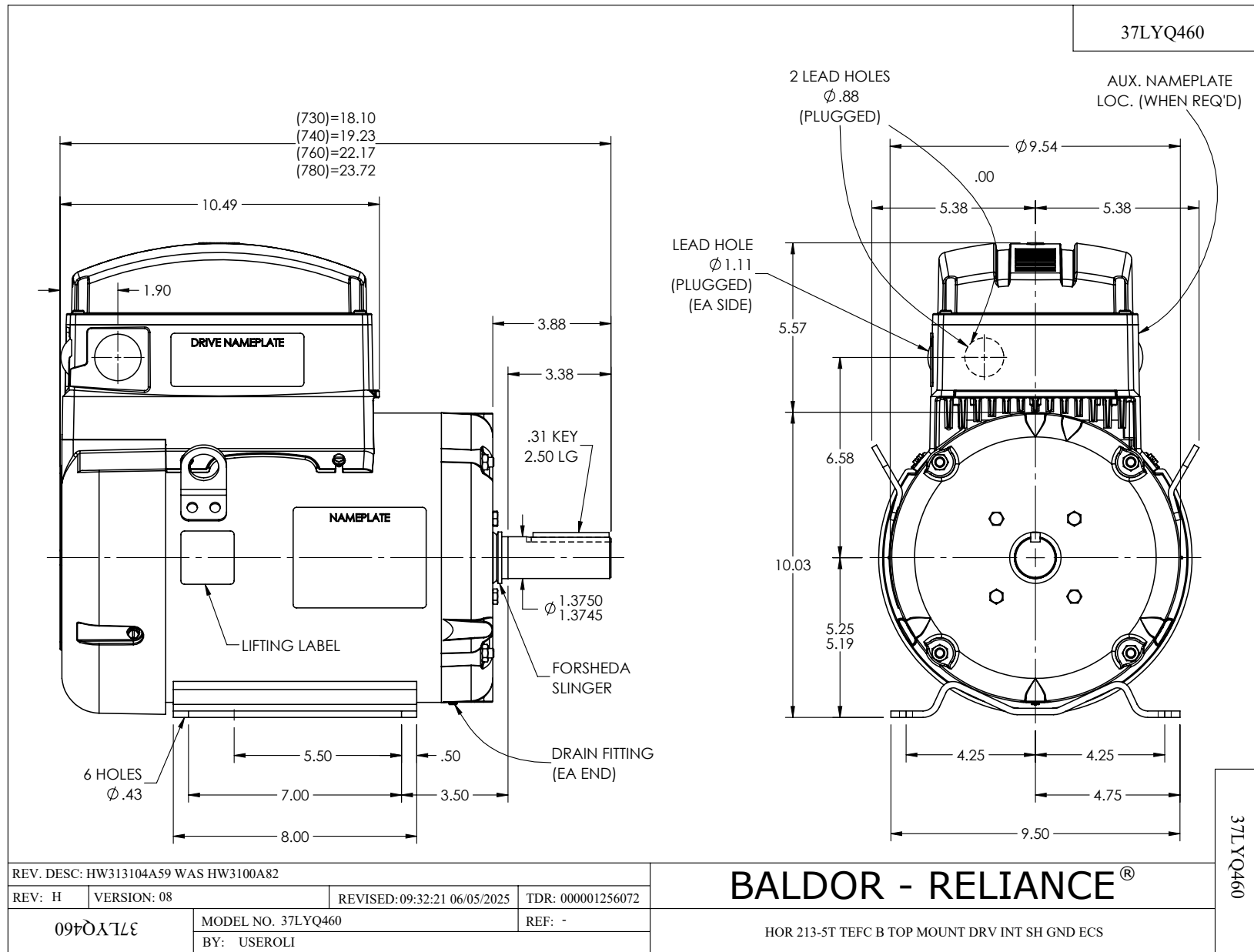
Revision	Q
Type	AC
Mech. spec.	37Q460
Base	
Status	PRD/A
Elec. spec.	37WGL008
Layout	37LYQ460
Eff. date	05-14-2026
CD Diagram	CD0006
Poles	04
Leads	3#14
Proprietary	False
Created date	02-04-2020

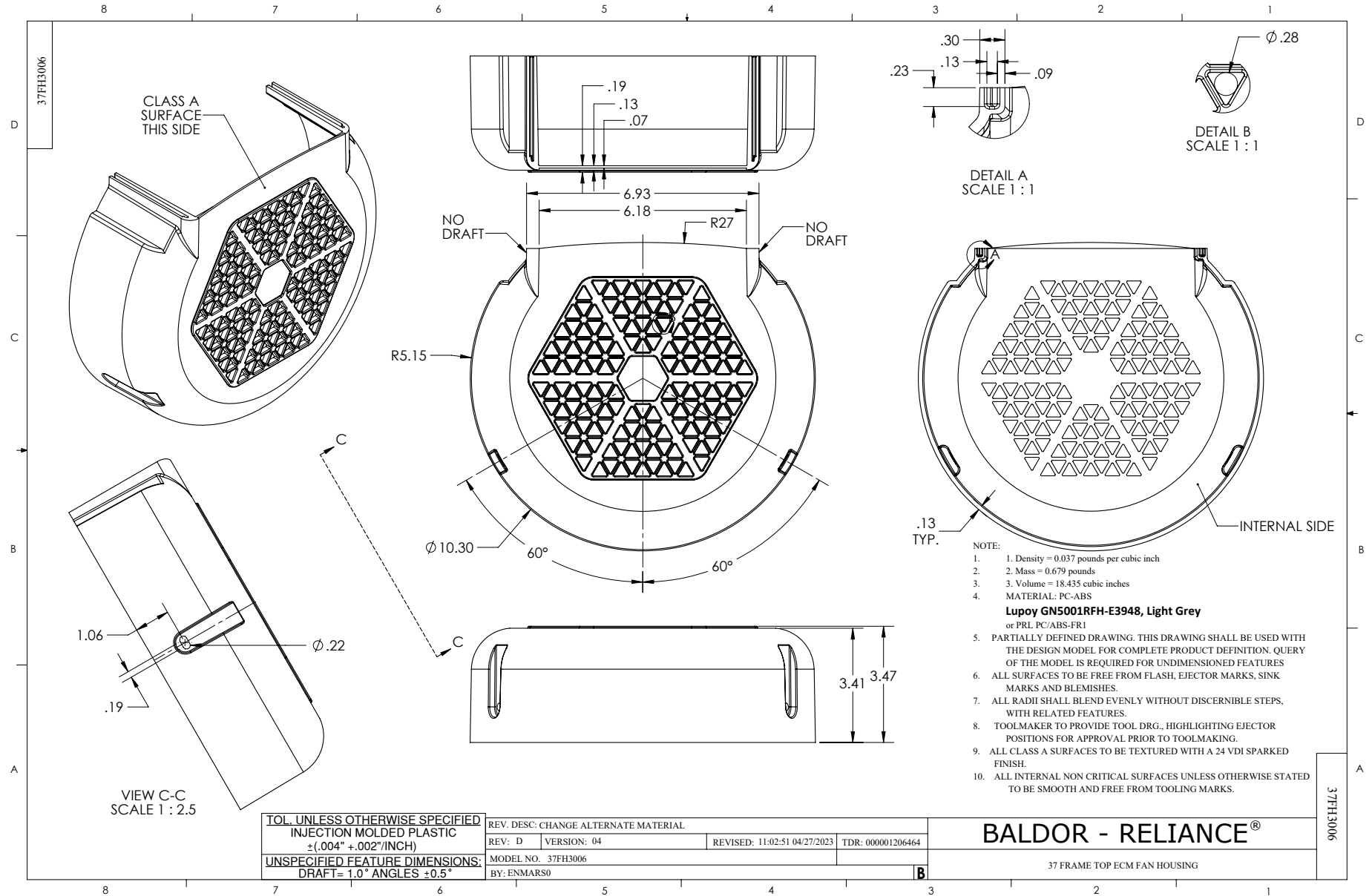
Product Family	General Purpose
Pulley Face Code	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Shaft Diameter	1.375 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed Code	Single Speed
Starting Method	INVERTER SPECIAL
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Parts List

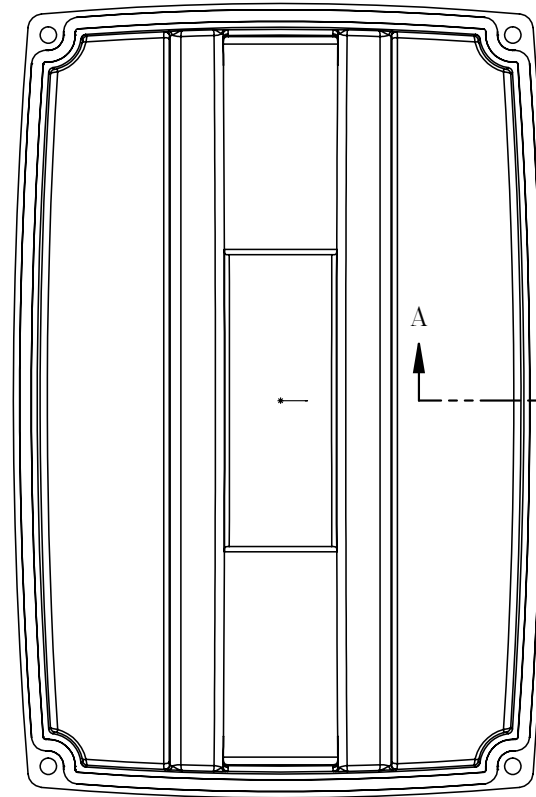
Part number	Description	Quantity
SA379257	SA 37Q460L008G1	1.000 ea
RA369243	RA 37Q460L008G1	1.000 ea
ECI4A9P5SP	380-480V, 5.0HP, 9.5A, W/BK CHOP, RTC, B	1.000 ea
37EP3101A04	FR ENDPLATE, MACH	1.000 ea
HA4067A01	PUSH IN DRAIN FITTING (BLACK)	1.000 ea
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 ea
BP5338A07	SHAFT GRD ASSY, RB3000A25 RETAINER RING	1.000 ea
37EP3100B32	PU EP 307 LOCK BRG, DRAIN, W/O GRSR	1.000 ea
HA4067A01	PUSH IN DRAIN FITTING (BLACK)	1.000 ea
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 ea
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 ea
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 ea
51XB1214A20	12-14X1.25 HWSSLD SERTYB	1.000 ea
MG1050G01	CELEROL MEDIUM CHARCOAL METALLIC GRAY	0.028 ga
NP3968	MYLAR BLANK 4.375W X 3.375L	1.000 ea
NP3978	MYLAR BLANK 4.375W X 1.75L	1.000 ea
HA3104A14	THRUBOLT- 5/16-18 X12.125(OHIO)	4.000 ea
37FH3006	37 FRAME TOP ECM FAN HOUSING	1.000 ea
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 ea
HS0055A00	37 FRAME TOP ECM HEATSINK MACHINING	1.000 ea
GS0024	ECM GASKET,36 TOP MOUNT,HEATSINK TO FRAM	1.000 ea
WD4100A30	HEYCO #3833 RUBBER PLUG KOS-LT - 1/2	2.000 ea
WD4100A66	HEYCO #3835 KNOCKOUT PLUG(KOS-LT 3/4) BL	2.000 ea
51XB1016A07	10-16 X 7/16 HWSSLD SERTYB	4.000 ea
36CB3501A00	36&37 FRAME TOP ECM PLASTIC COVER WITH F	1.000 ea
15XN1032A10	SCREW PAN HD 10-32 X .625 (PHILLIPS)	4.000 ea
MJ5002A02	NON-CORROSIVE SILICONE, DOW 748, 10.3 OZ	0.001 ea
HW4600C51	31X39X7.5MM FACE SEAL FOR 1.375 DIA. SH	1.000 ea
HW2501F21	KEY, 5/16 SQ X 2.375	1.000 ea
LB1602	LABEL, LIFTING DEVICE REQUIRING SPREADER	1.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb

37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 ea
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 ea
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 ea
37PA1067	PALLET PACK GROUP, PK1156A07, PK1900A06	1.000 ea
MN451	EC Titanium Quick Start 06/22	1.000 ea
FE-0000001	ZRTG FE ASSEMBLY	1.000 ea

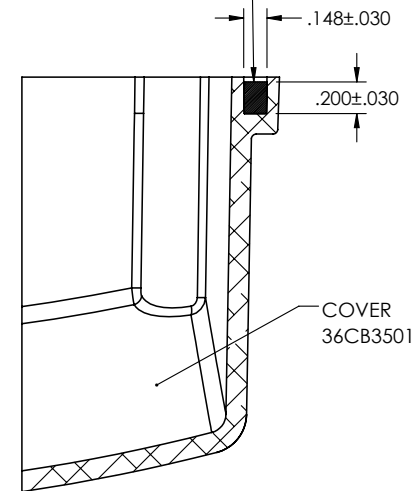




36CB3501A00



MATERIAL: RAMPF, RAKU-PUR 32-3280-51L



SECTION A-A

REV. DESC: UPDATE MATERIAL

REV: A	VERSION: 01	REVISED: 10:46:37 03/29/2019	TDR: 000001101646
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MODEL NO. 36CB3501A00

REF: -

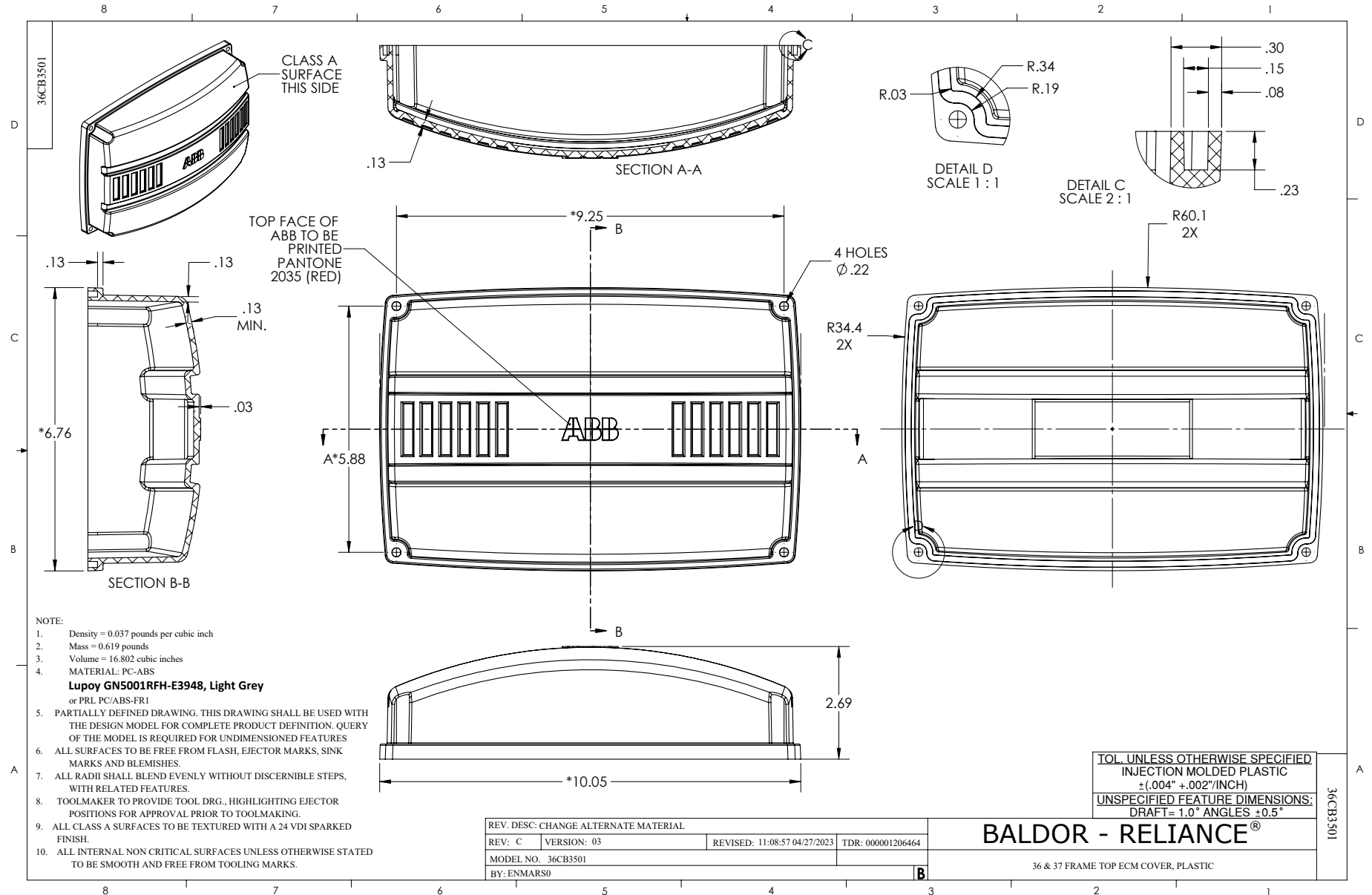
BY: ENMARS0

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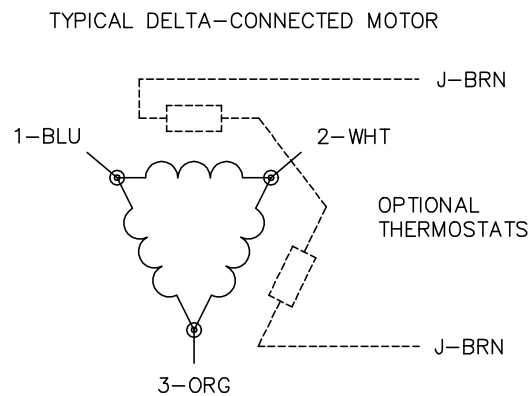
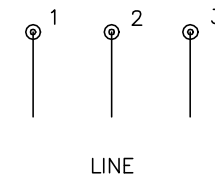
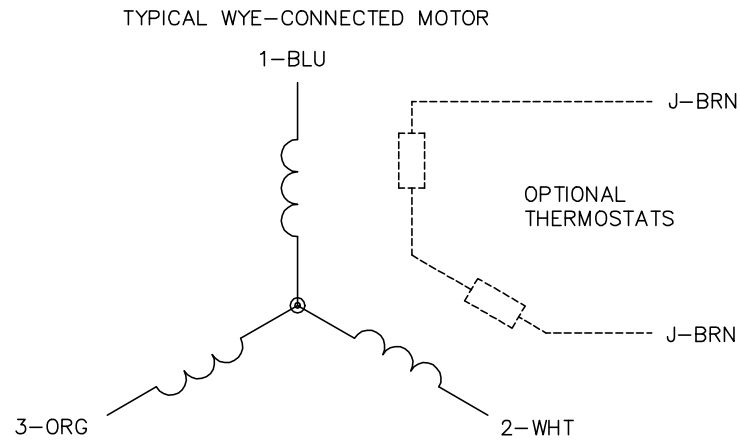
BALDOR - RELIANCE®

36 & 37 FRAME TOP ECM COVER WITH FOAM SEAL

36CB3501A00



CD0006


NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

REV. DESC: ADD CLASS CONN00000007

REV. LTR: E

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\141

REVISED: 10:24:49 02/19/2019

BY: ENBRIRO

MTL: -


BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

SH 1 of 1