

# PRODUCT INFORMATION PACKET



Model No: ARB2024L2  
Catalog No: ARB2024L2

Fan and Blower Motor, 1/4-1/12 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 56Z Frame, TEAO



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**Nameplate Specifications**

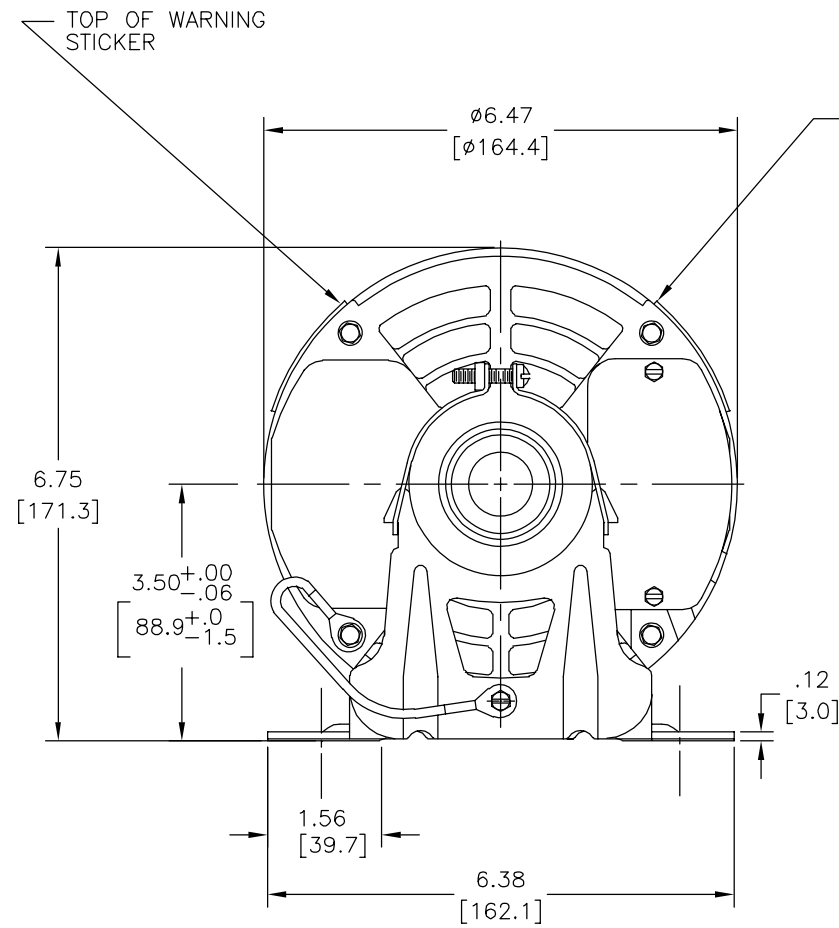
Phase	1	Output HP	1/4-1/12 Hp
Output KW	0.19 kW	Voltage	115 V
Speed	1725/1140 rpm	Service Factor	1.00
Frame	56Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	4.4/3.0 A
Duty	Continuous	Insulation Class	B
UL	No	CSA	Y
CE	N	Number of Speeds	1

**Technical Specifications**

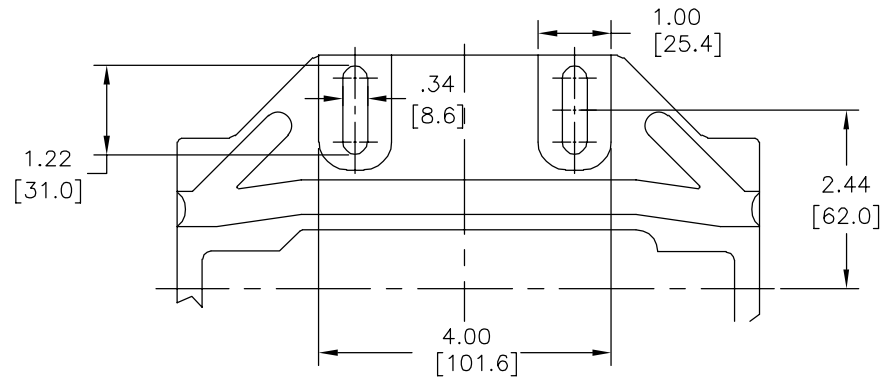
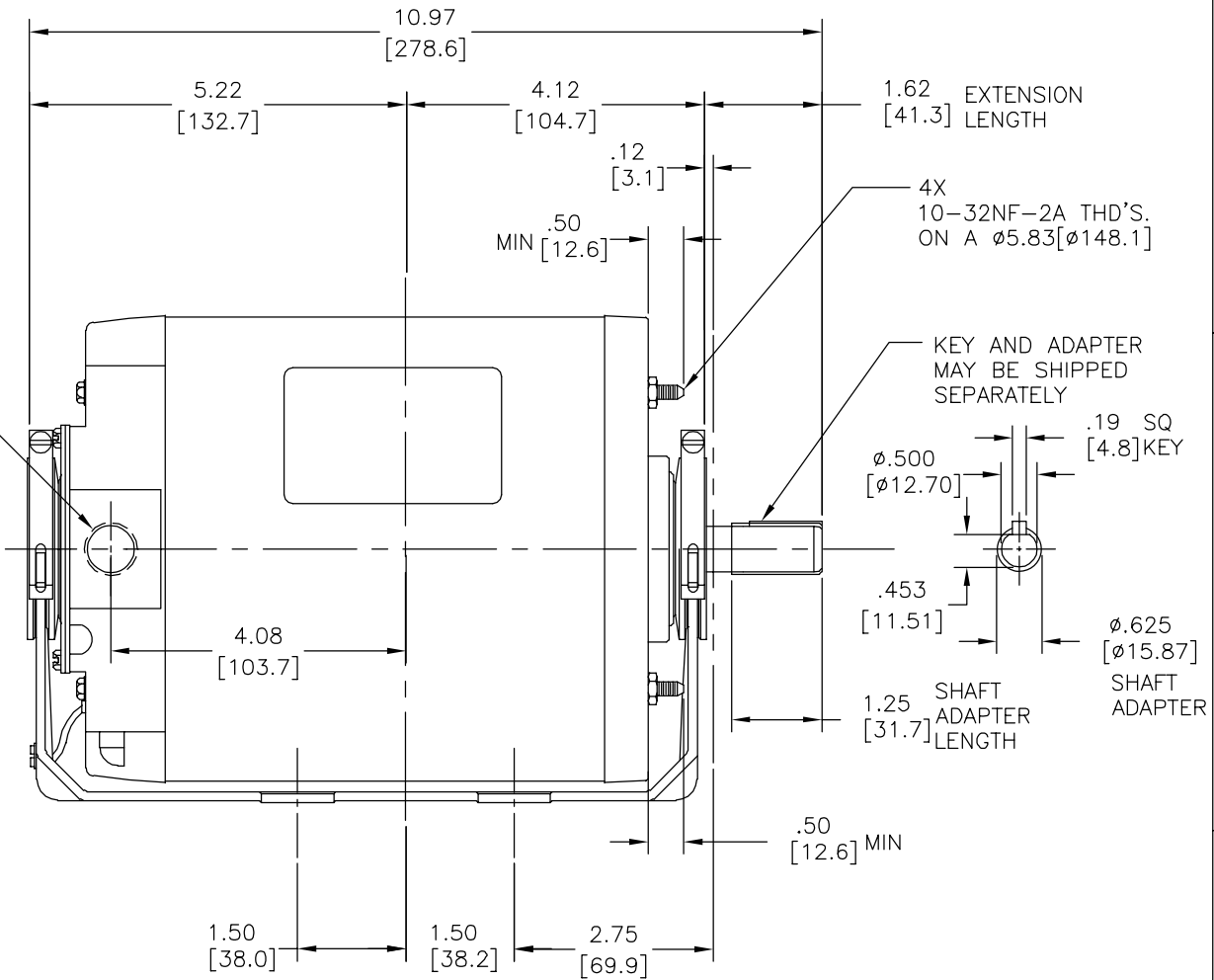
Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4/6	Rotation	Reversible
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	10.97 in
Frame Length	6.19 in	Shaft Diameter	0.625 in
Shaft Extension	1.62 in		
Connection Drawing	620005-013A	Outline Drawing	ARB2024L2-S01

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REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0025365	T.HUANG	04-17-2012	B.C.SHEN	04-17-2012



1/2-14 PIPE TAP FOR CONDUIT CONNECTION (PLUGGED)



GEOMETRIC CHARACTERISTICS & SYMBOLS

- ▭ FLATNESS
- STRAIGHTNESS
- ∠ ANGULARITY
- ⊥ PERPENDICULARITY (SQUARENESS)
- // PARALLELISM
- ROUNDNESS (CIRCULARITY)
- ⊘ CYLINDRICITY
- △ PROFILE OF ANY SURFACE
- ∩ PROFILE OF ANY LINE
- ↗ RUNOUT
- ⊕ TRUE POSITION
- ◎ CONCENTRICITY
- ≡ SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:

INCH	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

ANG. ±.50 DEG  
REMOVE BURRS & BREAK SHARP EDGES:  
INCH .003-.015 mm 0.1-0.4  
CORNER FILLETS TO:  
INCH .020 mm 0.5  
MACHINE SURFACES:  
INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: Baocheng.Shen 10-23-2008

APPD: TOM.ZHAO 10-23-2008

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011  
FORMAT REV G

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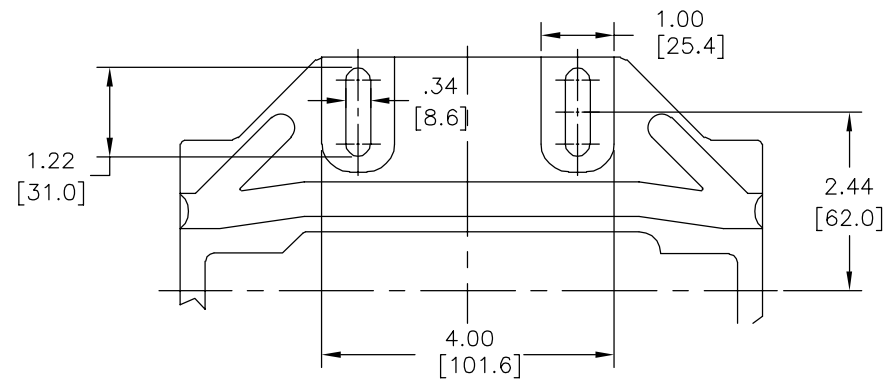
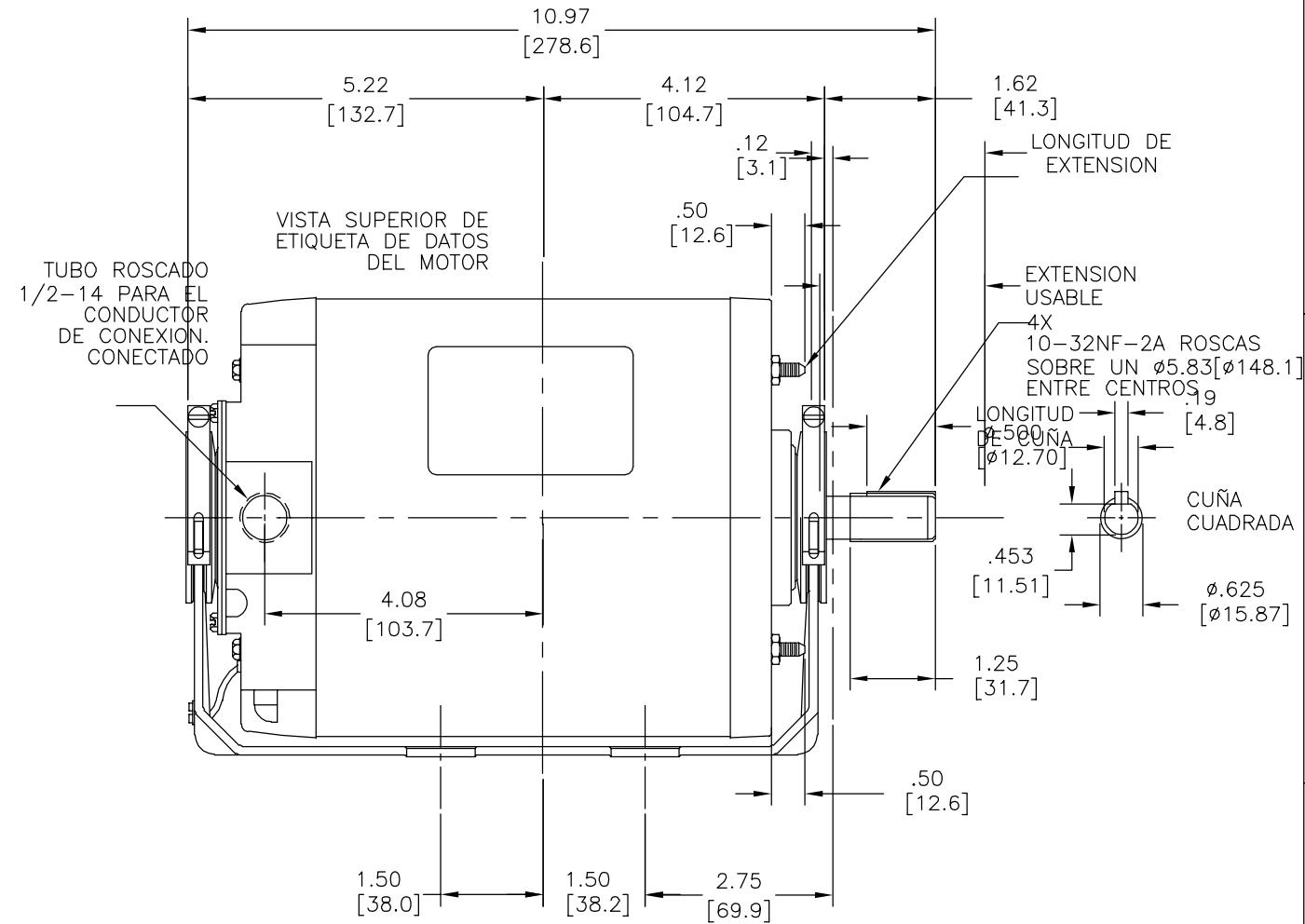
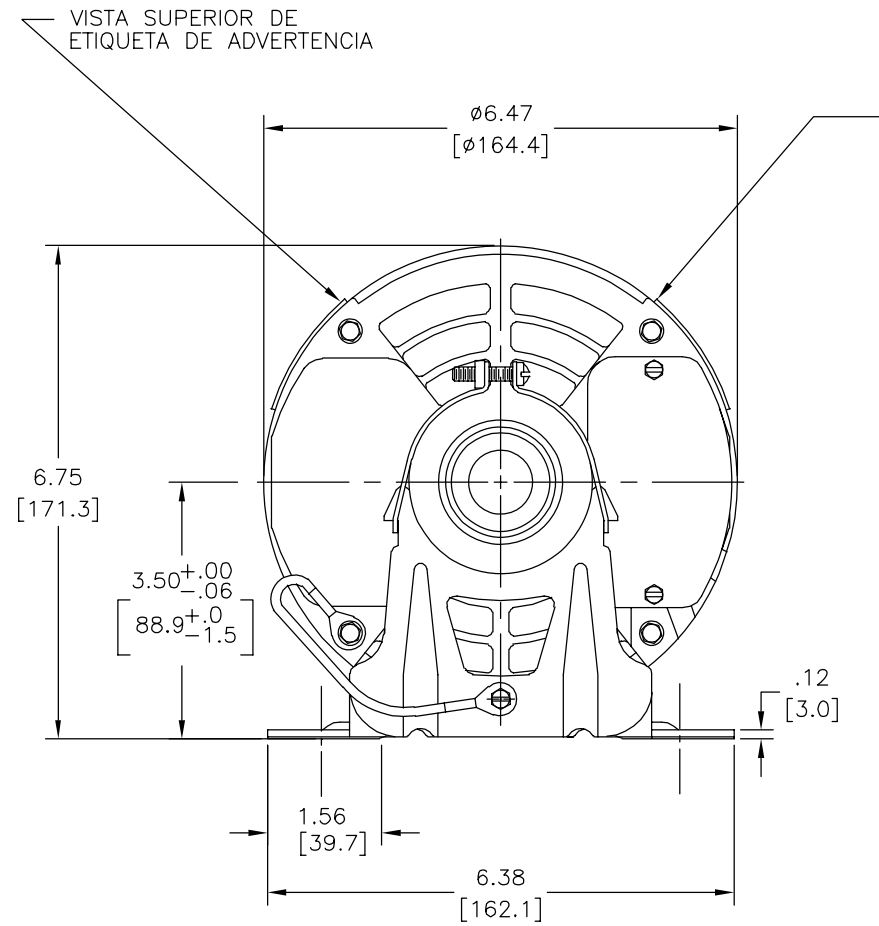
**REGAL-BELOIT CORPORATION**

DESCRIPTION: OUTLINE

SIZE: C DWG NO: ARB2024L2

SCALE: NONE SHEET: 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	ECO-0025365	T.HUANG	04-17-2012	B.C.SHEN	04-17-2012



NUM. MOTOR # CURVA DE FUNC. LONG. CARCAZA

LONGITUD EXTENSION LONGITUD # MODELO EXTENSION USABLE DE CUÑA GRAINGER

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

- PLANICIDAD
- RECTITUD
- ∠ ANGULARIDAD
- ⊥ PERPENDICULARIDAD (A ESCUADRA)
- // PARALELISMO
- REDONDEZ (CIRCULARIDAD)
- ⊘ CILINDRICIDAD
- △ PERFIL DE CUALQUIER SUPERFICIE
- ∧ PERFIL DE CUALQUIER LINEA
- ∧ VARIACION
- ⊕ POSICION REAL
- ◎ CONCENTRICIDAD
- = SIMETRIA

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:

PULG ±.1 ±.02 ±.005 ±.0005

mm ±0.5 ±0.13 ±0.013

ANG. ± 50 GRADOS

ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.

PULG .003-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG .020 mm 0.5

MAQUINAR SUPERFICIES

PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: Baocheng.Shen 10-23-2008

APROBADO POR: TOM.ZHAO 10-23-2008

TERCER ANGULO DE PROYECCION

FECHA EDS: 11-11-2011

REV. FORMATO: G

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**REGAL-BELOIT CORPORATION**

DESCRIPCION: OUTLINE

TAMAÑO: C NUMERO DE DIBUJO: ARB2024L2

ESCALA: NONE HOJA: 1

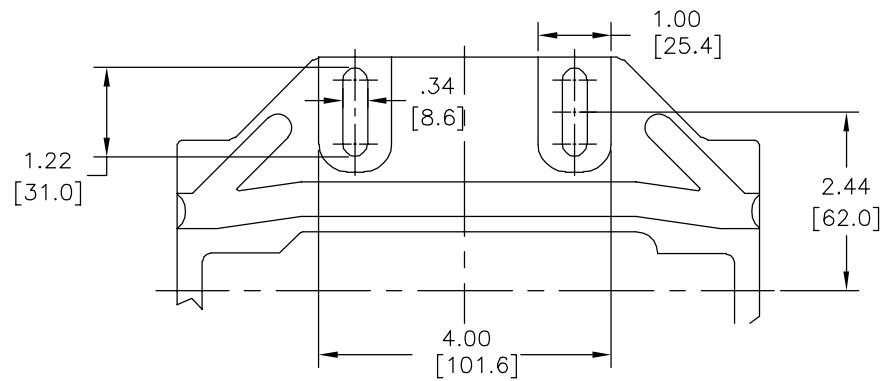
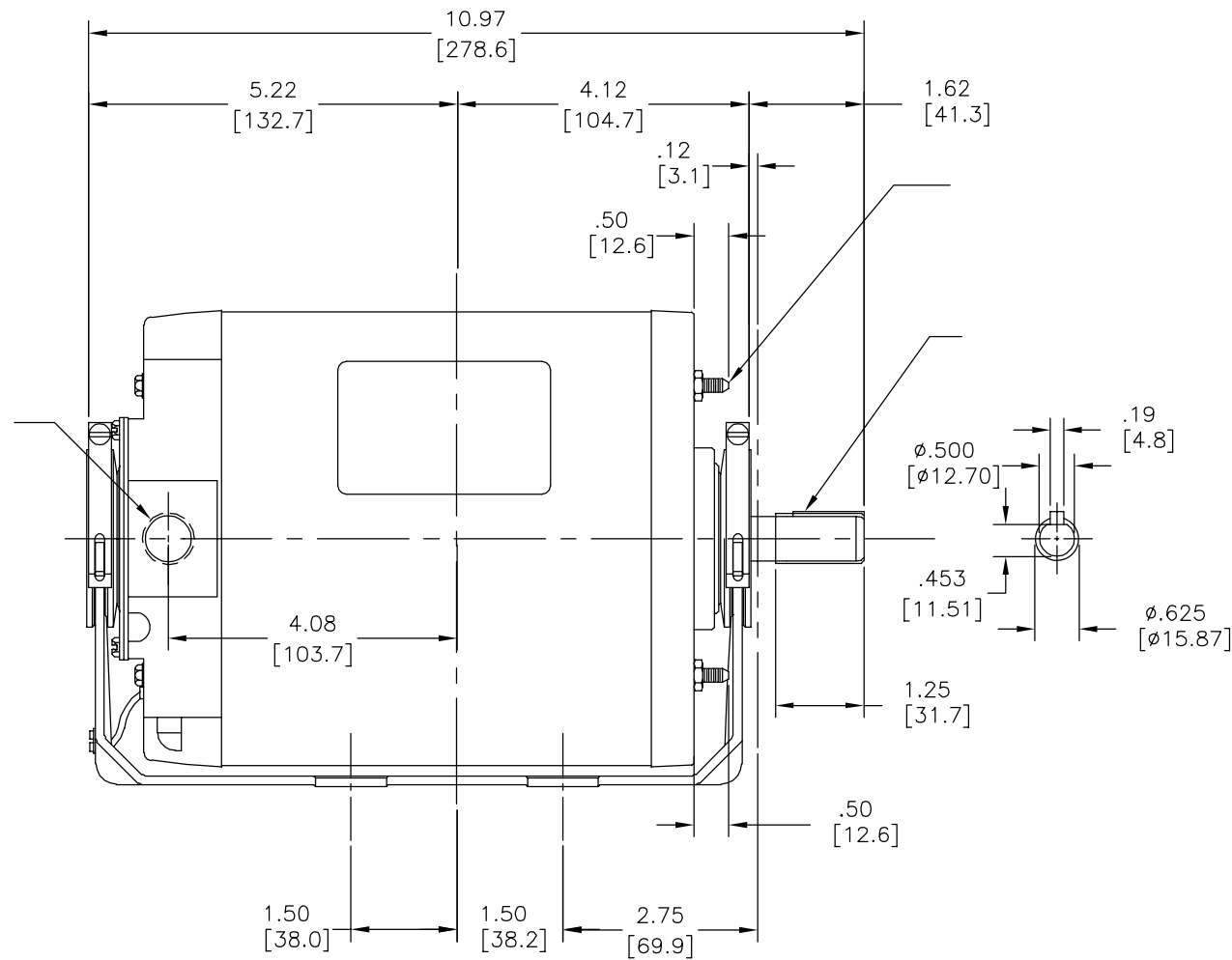
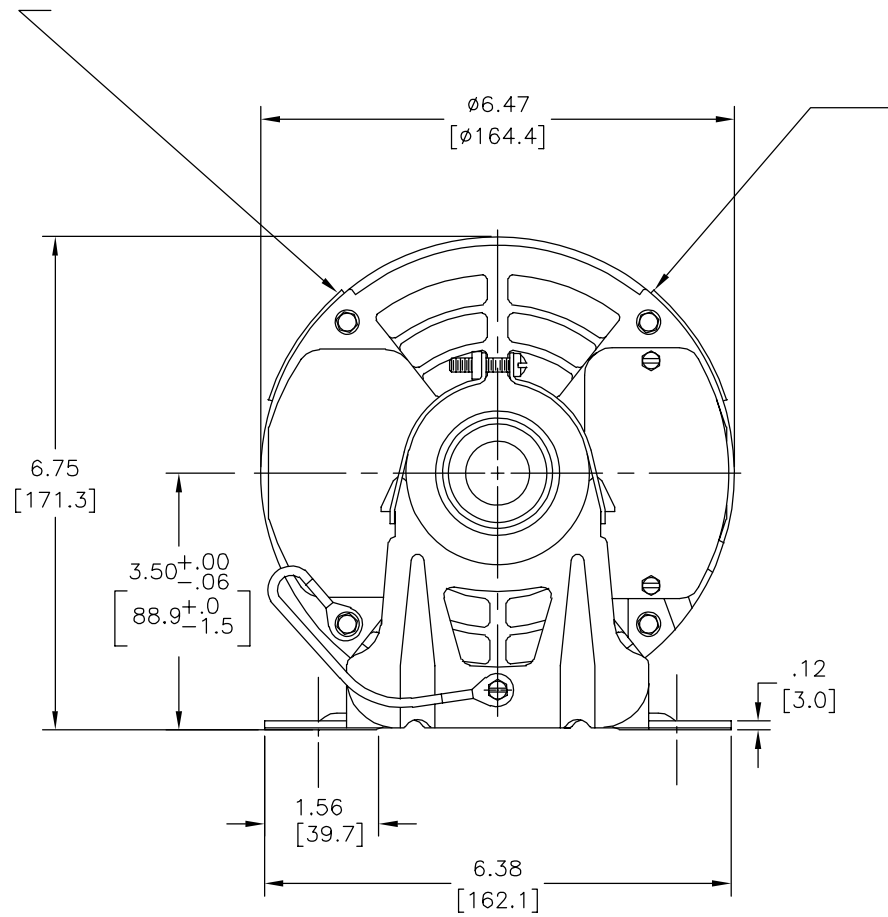
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版本	ECO	编制	日期	批准	日期
B	ECO-0025365	T.HUANG	04-17-2012	B.C.SHEN	04-17-2012



形位公差	除另有注明
□ 平面度	尺寸公差如下:
— 直线度	英寸 X XX XXX XXXX
∠ 倾斜度	英寸 ±.1 ±.02 ±.005 ±.0005
⊥ 垂直度	毫米 ±0.5 ±0.13 ±0.013
// 平行度	角度 ±.50 度
○ 圆度	清理毛刺和尖棱
⊘ 圆柱度	英寸 .003-.015 毫米 0.1-0.4
△ 面轮廓度	内圆角
∩ 线轮廓度	英寸 .020 毫米 0.5
↗ 圆跳动	表面粗糙度
⊕ 位置度	英制 125 米制 3.2
⊙ 同轴度	米制尺寸显示在 [ ]
≡ 对称度	

ASME Y14.5M 1994

绘图:	Baocheng.Shen	10-23-2008
批准:	TOM.ZHAO	10-23-2008
第三角投影		图纸格式发布日期 11-11-2011 图纸格式版本 G
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名称		OUTLINE
图幅	C	图号 ARB2024L2
比例	NONE	页号 1

名称	
图幅 C 图号 ARB2024L2	
比例 NONE 页号 1	

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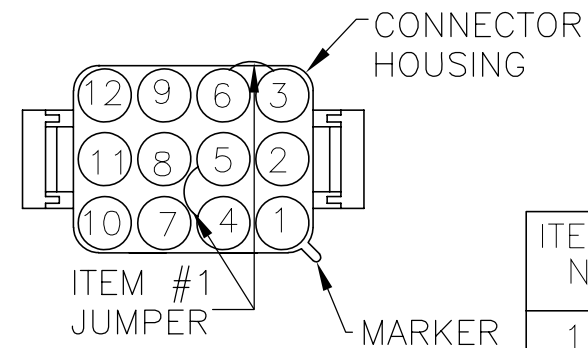
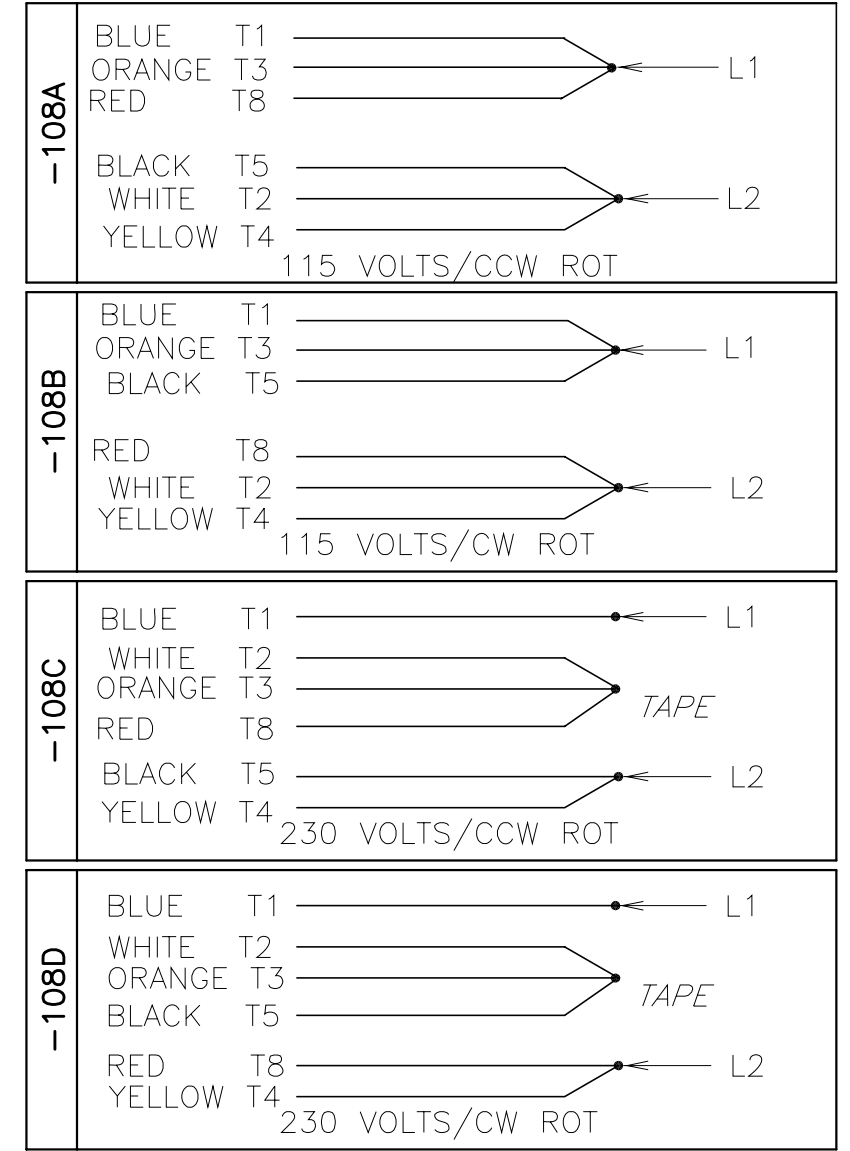
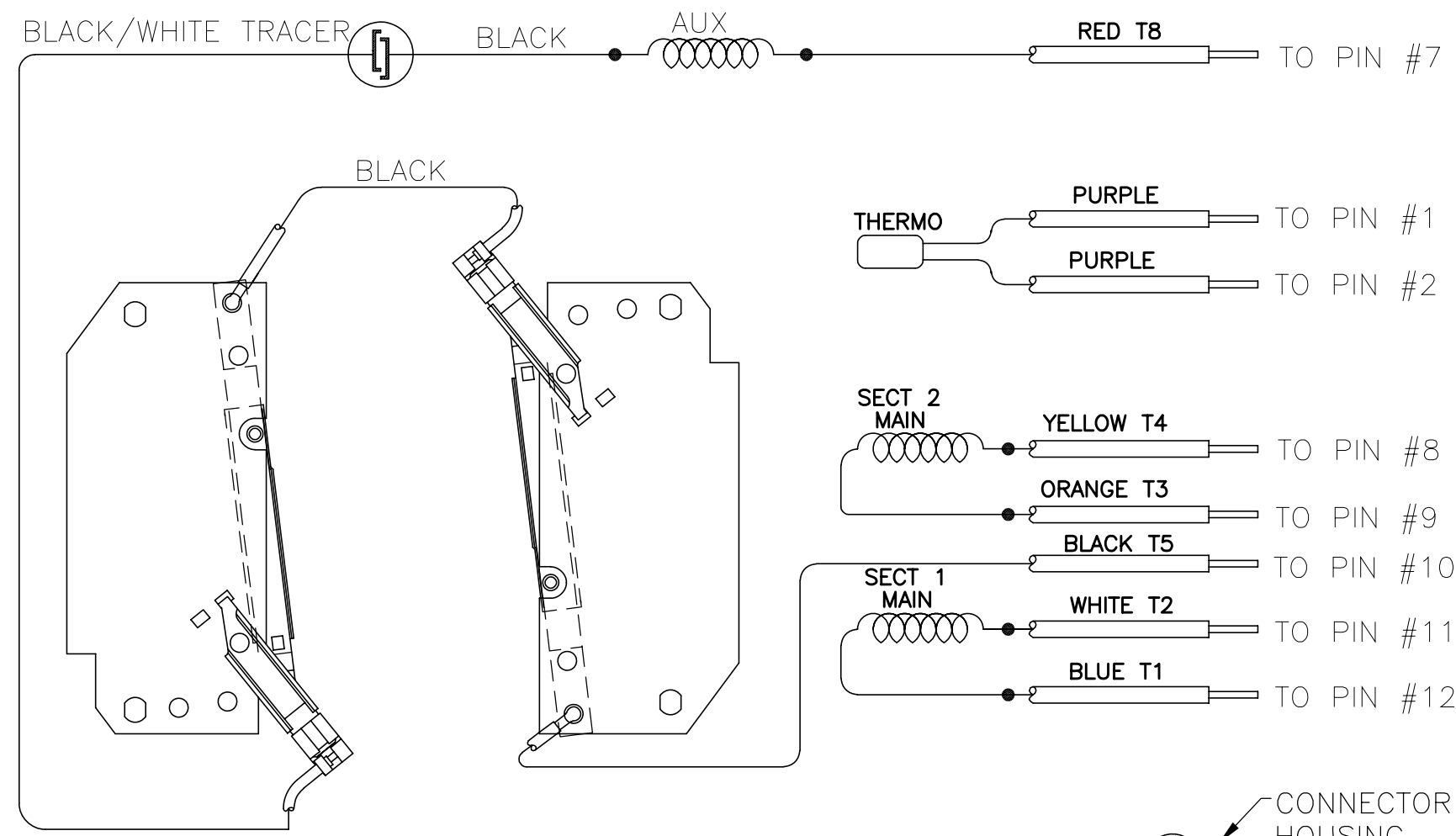
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4 3 2 1

REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
B		03975801	Yan Z	03-19-2008	RArmen	04-02-2008



NOTES:  
 1. ASSEMBLE LEADS PER PS-595  
 2. (ENGR. REF.: 369C381H01 TERM. BOARDS)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	058W18-PF-030-PF	LEAD TERMINAL ASSY

GEOMETRIC CHARACTERISTICS & SYMBOLS  
 ▽ FLATNESS  
 — STRAIGHTNESS  
 ∠ ANGULARITY  
 ⊥ PERPENDICULARITY (SQUARENESS)  
 // PARALLELISM  
 ○ ROUNDNESS (CIRCULARITY)  
 ∅ CYLINDRICITY  
 △ PROFILE OF ANY SURFACE  
 ∩ PROFILE OF ANY LINE  
 ↑ RUNOUT  
 ⊕ TRUE POSITION  
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UNLESS OTHERWISE SPECIFIED  
 DIM. TOLERANCES ARE AS FOLLOWS:  
 INCH X XX XXX XXXX  
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 mm ±0.5 ±0.13 ±0.013  
 ANG. ±.50 DEG  
 REMOVE BURRS & BREAK SHARP EDGES:  
 INCH .003-.015 mm 0.1-0.4  
 CORNER FILLETS TO:  
 INCH .020 mm 0.5  
 MACHINE SURFACES:  
 INCH 125 mm 3.2  
 METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:  
 APPD:  
 THIRD ANGLE PROJECTION  
 EDS DATE 01-21-2007  
 FORMAT REV E  
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DESCRIPTION  
**CONN DIAGRAM - EXTERNAL**

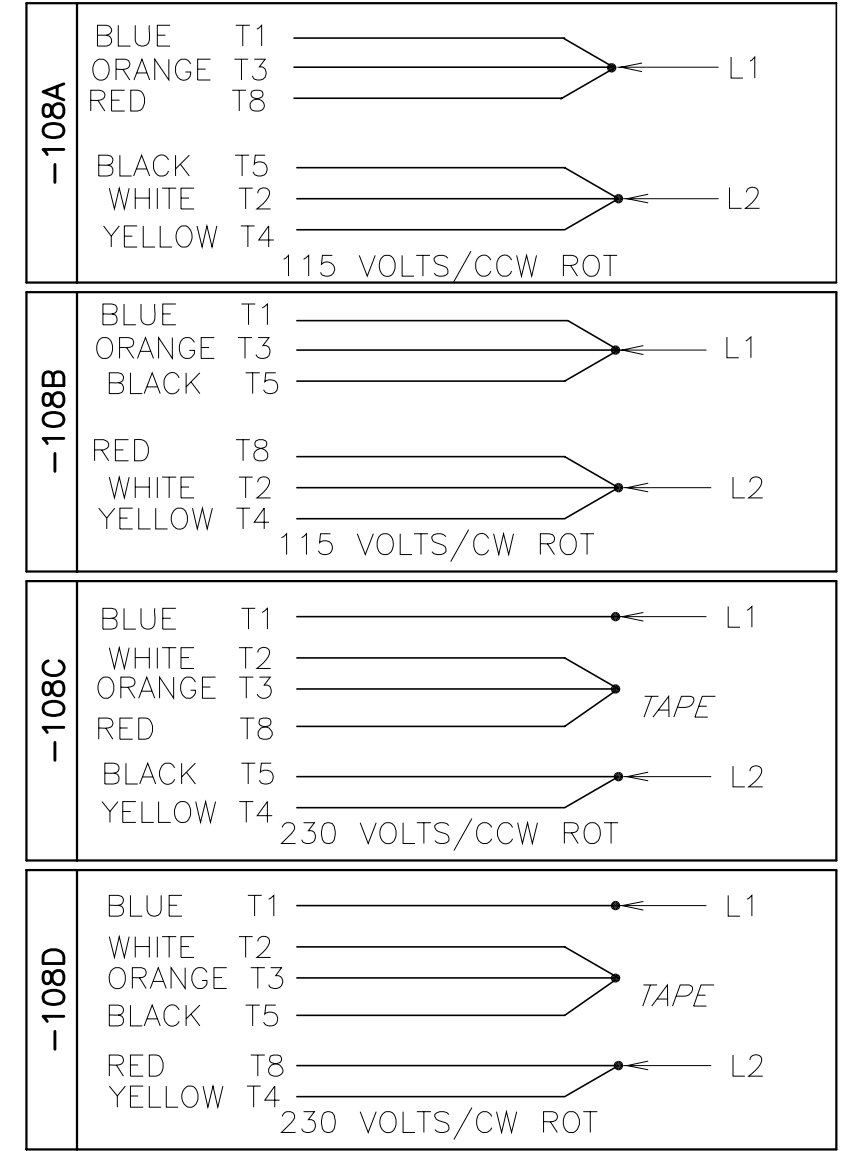
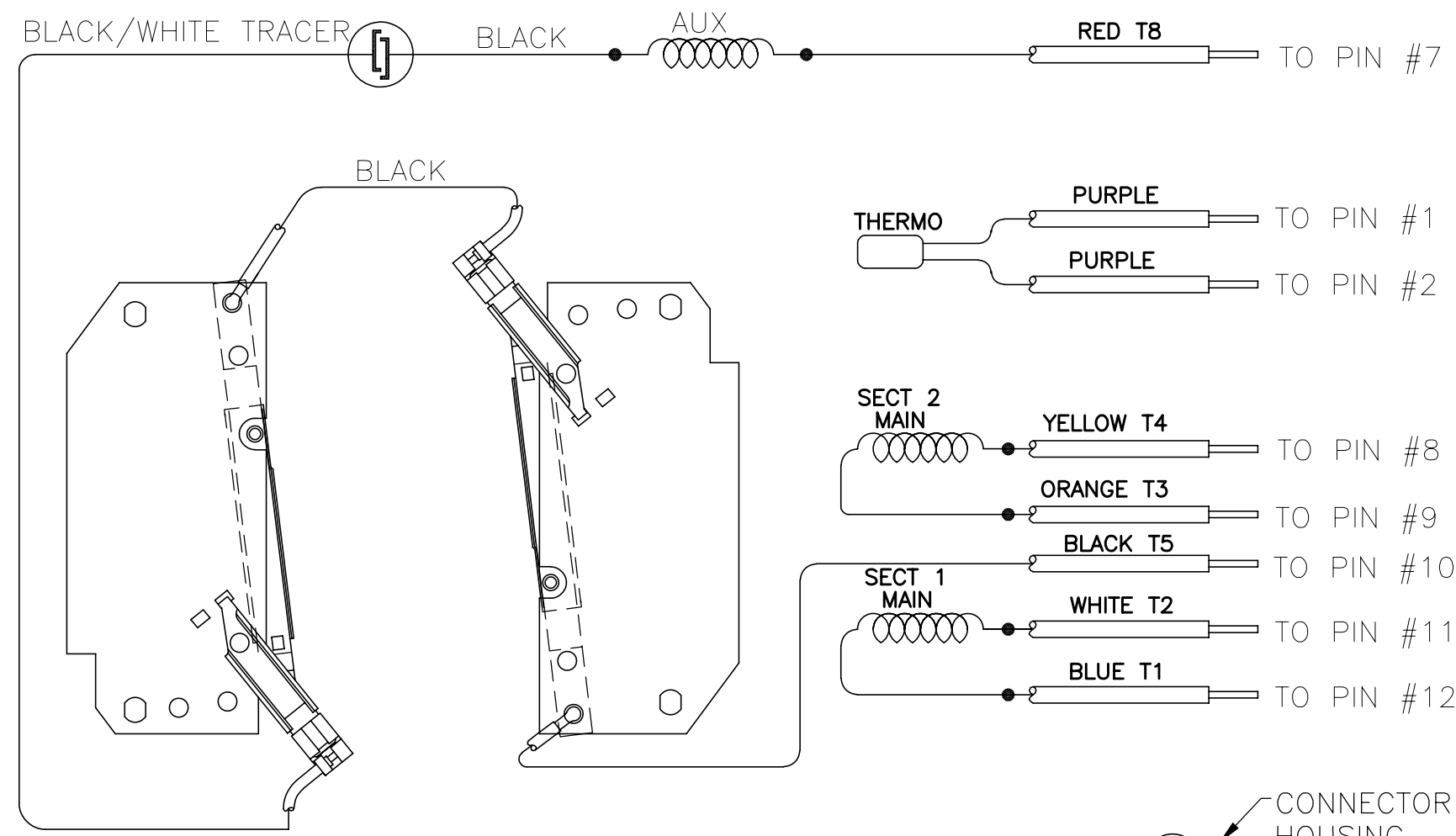
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SCALE NONE SHEET 1

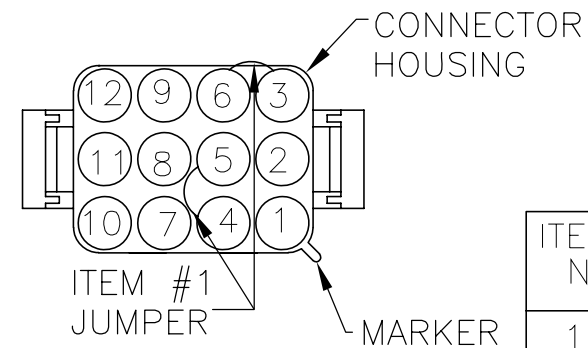
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4 3 2 1

REVISION: B	ECN REFERENCIA:	PROYECTO REFERENCIA: 03975801	REVISADO POR: Yan Z	FECHA: 03-19-2008	APROBADO POR: RArmen	FECHA: 04-02-2008
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NOTES:  
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2. (ENGR. REF.: 369C381H01 TERM. BOARDS)



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 FILETEAR ESQUINA: PULG .020 mm 0.5  
 MAQUINAR SUPERFICIES  
 PULG 125 mm 3.2  
 DIMS METRICAS MOSTRADAS [PARENTESIS]

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 APROBADO POR:  
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 DESCRIPCION: **CONN DIAGRAM - EXTERNAL**  
 TAMAÑO: B NUMERO DE DIBUJO: 620005-108  
 ESCALA: NONE HOJA: 1

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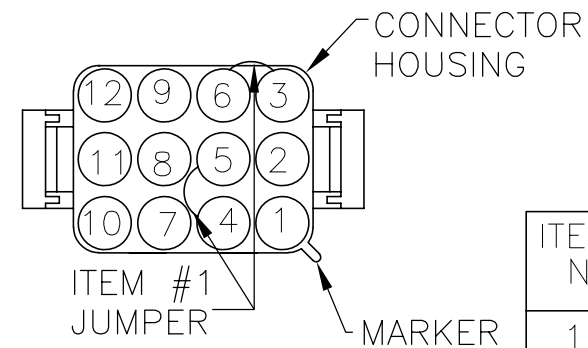
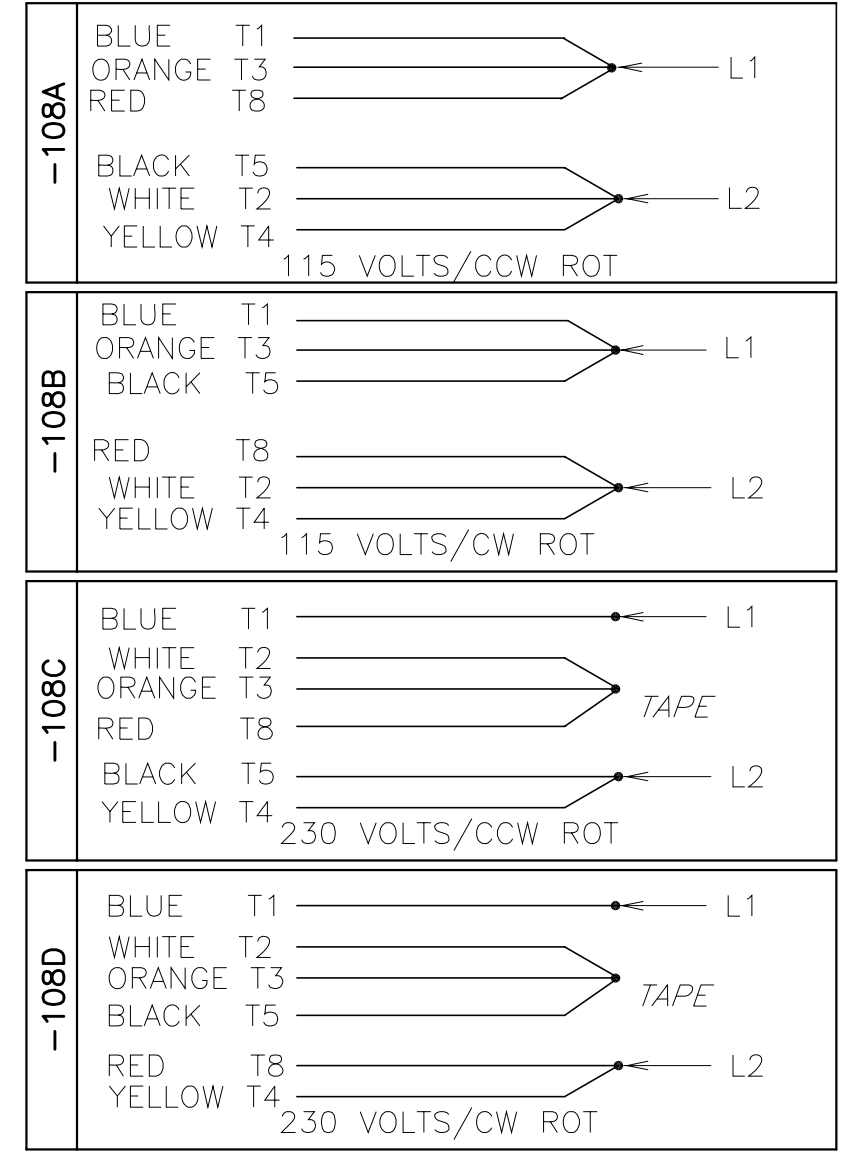
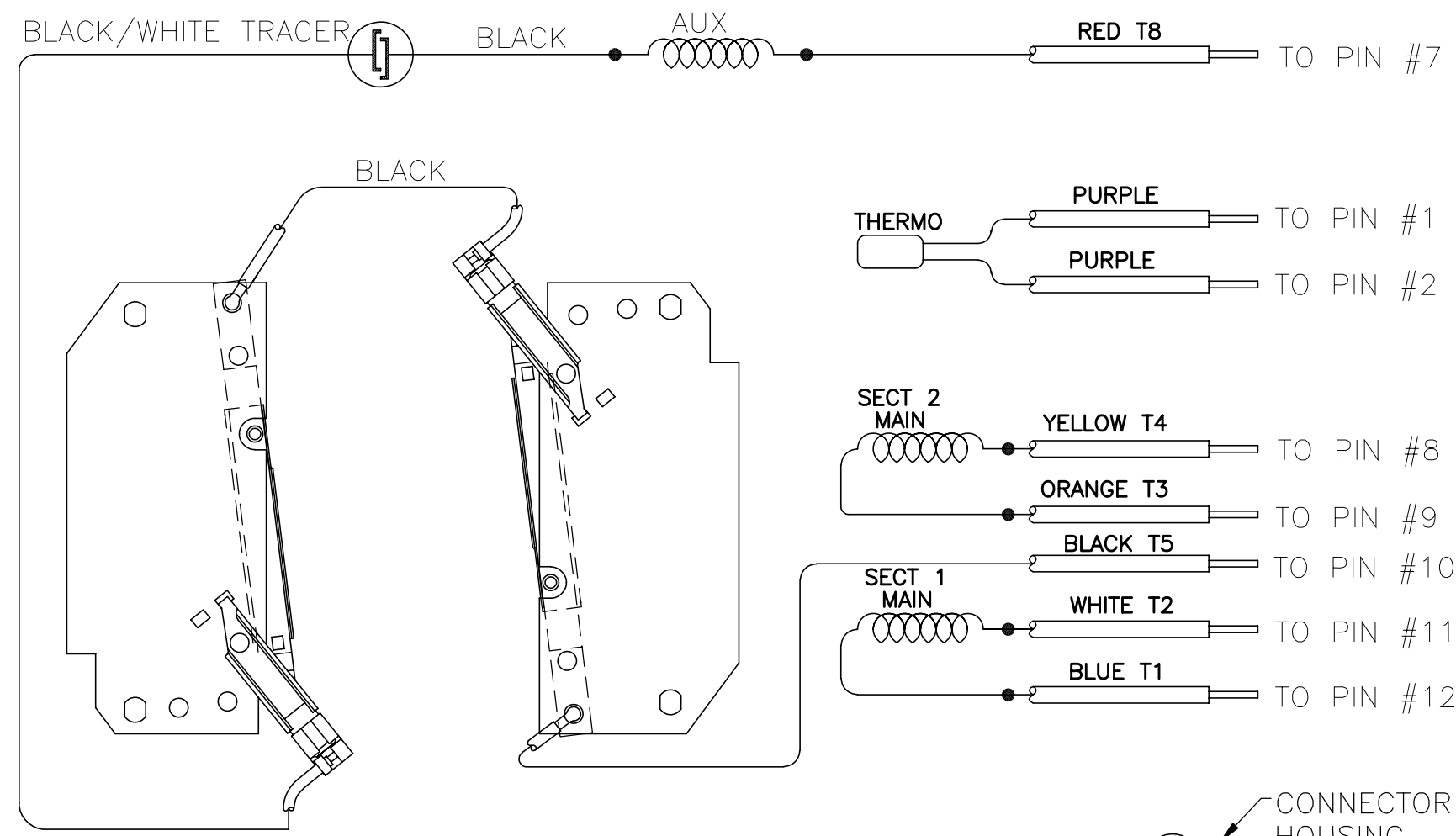
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版本 B	更改通知号	项目号 03975801	编制 Yan Z	日期 03-19-2008	批准 RArmen	日期 04-02-2008
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NOTES:  
1. ASSEMBLE LEADS PER PS-595  
2. (ENGR. REF.: 369C381H01 TERM. BOARDS)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	058W18-PF-030-PF	LEAD TERMINAL ASSY

- 形位公差
- 平面度
- 直线度
- ∠ 倾斜度
- ⊥ 垂直度
- // 平行度
- 圆度
- ∅ 圆柱度
- △ 面轮廓度
- ⌒ 线轮廓度
- ↗ 圆跳动
- ⊕ 位置度
- ◎ 同轴度
- ≡ 对称度

除另有注明  
尺寸公差如下:

英寸	X	XX	XXX	XXXX
毫米	±.1	±.02	±.005	±.0005
英寸	±.003-.015	毫米	0.1-0.4	

内圆角  
英寸 .020 毫米 0.5

表面粗糙度  
英制 125 米制 3.2

米制尺寸显示在 [ ]

绘图:  
批准:  
第三角投影

图纸格式发布日期 01-21-2007  
图纸格式版本 E

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名称: **CONN DIAGRAM - EXTERNAL**

图幅: B 图号: 620005-108

比例: NONE 页号: 1

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1