

PRODUCT INFORMATION PACKET



Model No: SGF2054AV2

Catalog No: SGF2054AV2

Fan and Blower Motor, 1/2-1/6 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 56Z Frame, OPEN



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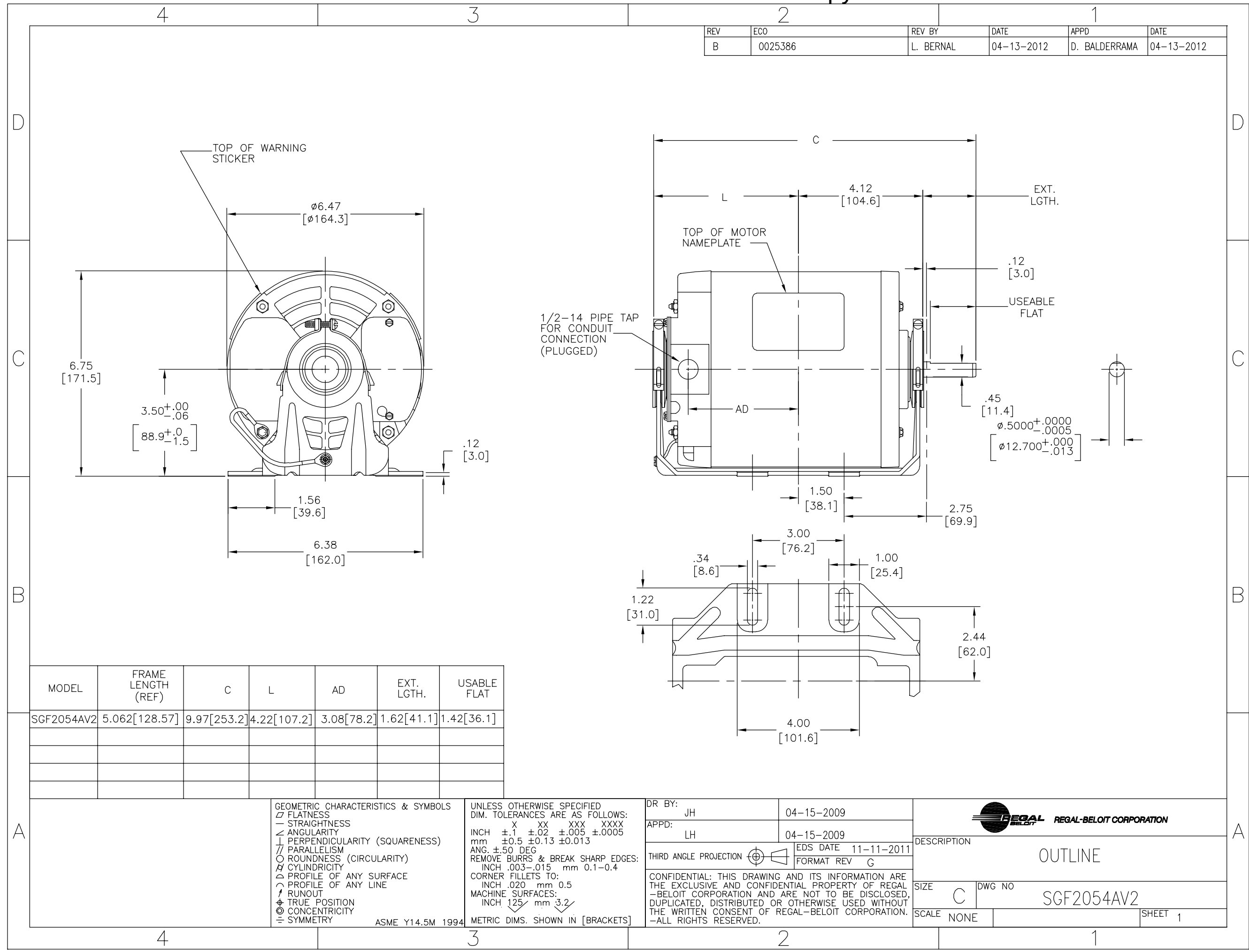
Nameplate Specifications

Phase	1	Output HP	1/2-1/6 Hp
Output KW	0.37 kW	Voltage	115 V
Speed	1725/1140 rpm	Service Factor	1.35
Frame	56Z	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	8.8-4.0 A
Duty	Continuous	Insulation Class	B
UL	Recognized	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	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	9.97 in
Frame Length	5.19 in	Shaft Diameter	0.500 in
Shaft Extension	1.42 in		
Outline Drawing	SGF2054AV2-S01	Connection Drawing	620005-038A

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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: JH 04-15-2009

APPD: LH 04-15-2009

THIRD ANGLE PROJECTION

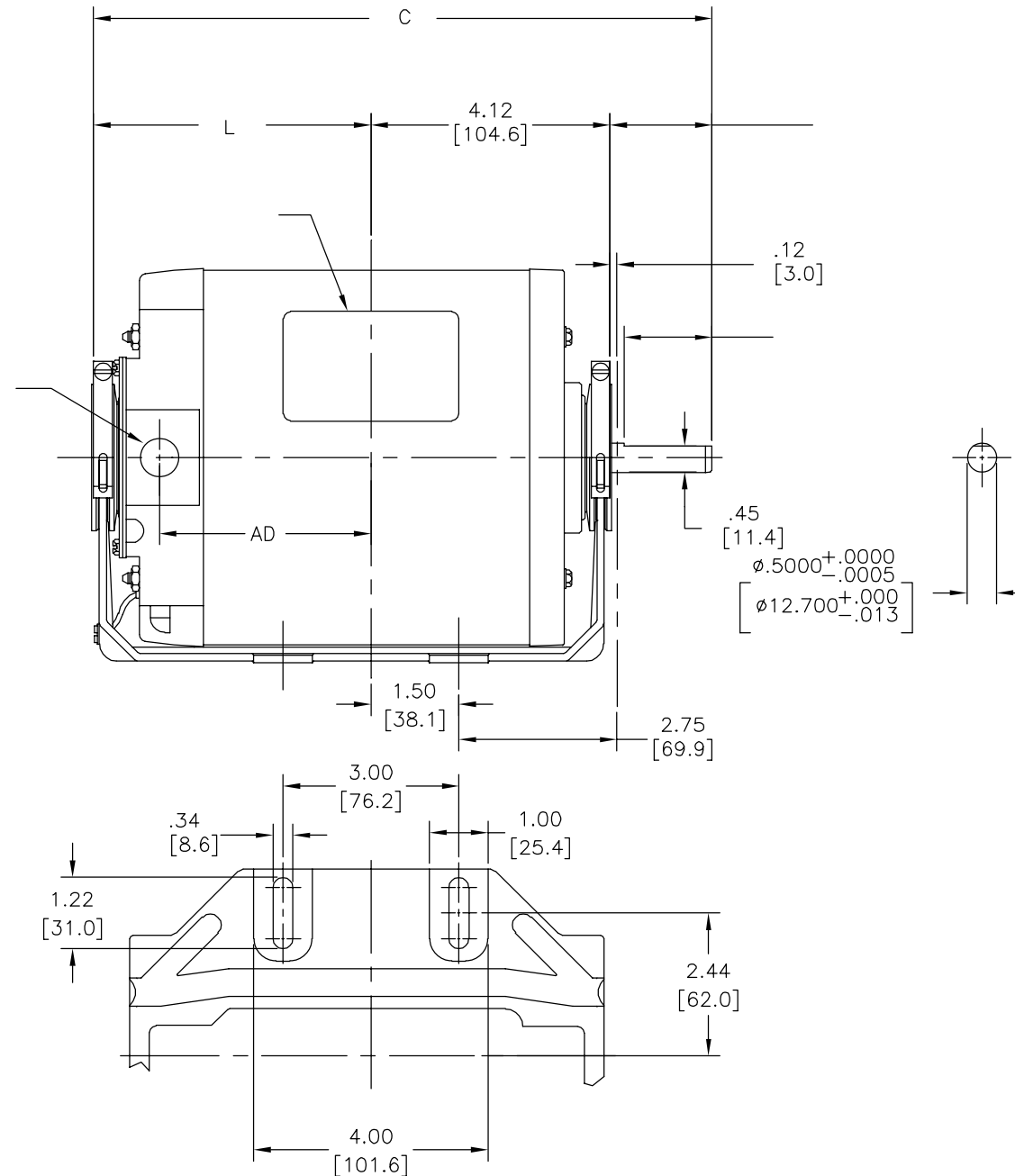
EDS DATE 11-11-2011
FORMAT REV G

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REGAL-BELOIT CORPORATION

DESCRIPTION: OUTLINE

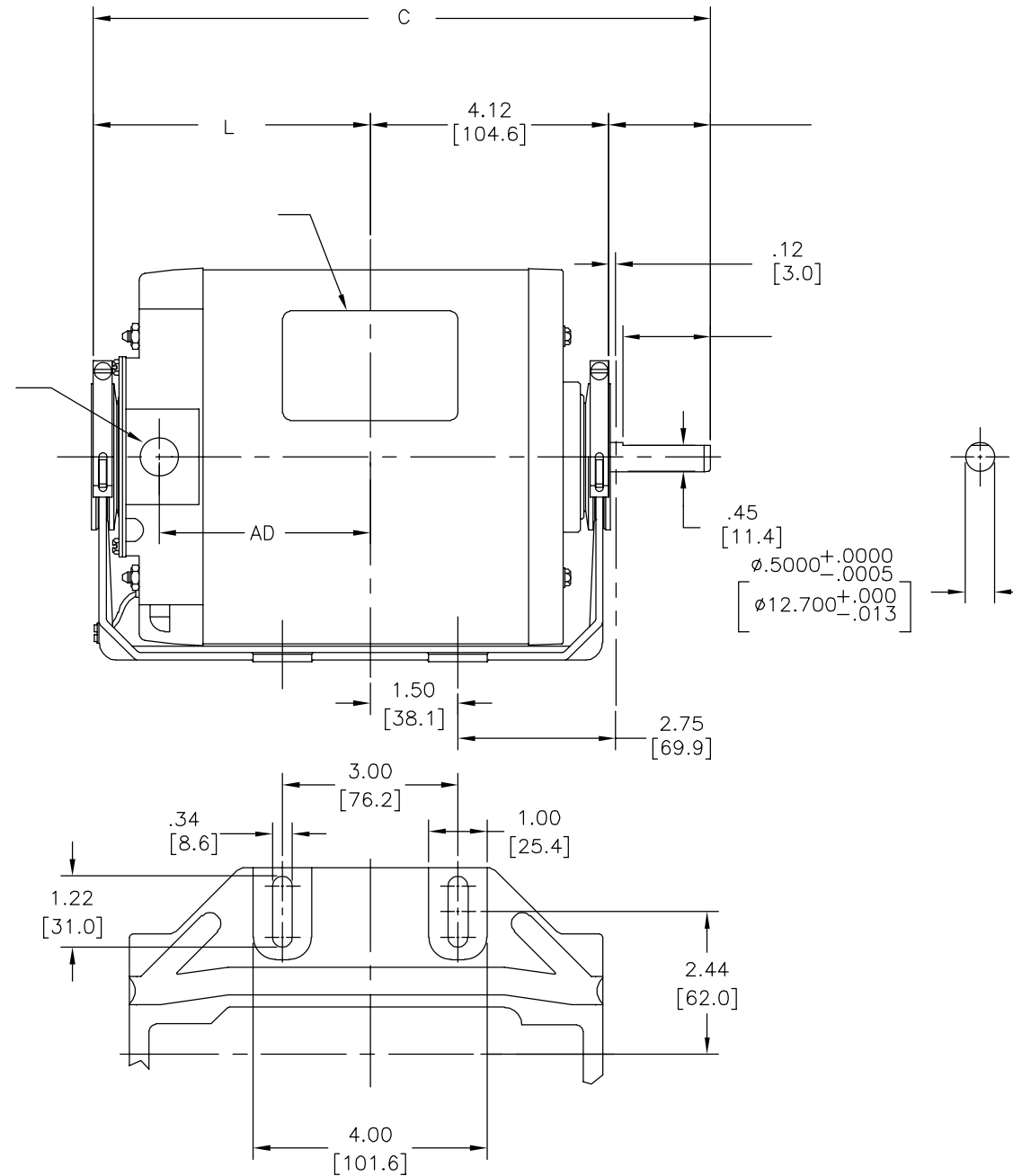
SIZE C	DWG NO SGF2054AV2
SCALE NONE	SHEET 1



CARACTERÍSTICAS 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 ≡ CENTRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS: SON LAS SIGUIENTES: xx xx xxx xxxxx 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 .32
ASME Y14.5M 1994	DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: JH	04-15-2009
APROBADO POR: LH	04-15-2009
TERCER ANGULO DE PROYECCION 	FECHA EDS: 11-11-2011 REV. FORMATO: C
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1	DESCRIPCION:		OUTLINE
DE E, A,	TAMAÑO: C	NUMERO DE DIBUJO:	SGF2054AV2
	ESCALA: NONE		



		C	L	AD		
SGF2054AV2	5.062[128.57]	9.97[253.2]	4.22[107.2]	3.08[78.2]	1.62[41.1]	1.42[36.1]

形位公差	平面度	直线度	倾斜度	垂直度	平行度	圆度	圆柱度	轮廓度	跳动度	位置度	同轴度	对称度

ASME Y14.5M 1994

除另有注明
尺寸公差如下:

	X	XX	XXX	XXXX
英寸	±.1	±.02	±.005	±.0005
毫米	±0.5	±0.13	±0.013	

角度 ±.50 度
清理毛刺和尖棱

英寸	.003-.015	毫米	0.1-0.4
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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:	JH	04-15-2009
批准:	LH	04-15-2009
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REGAL-BELOIT CORPORATION

名称	
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OUTLINE

图幅	
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C	图号	SGF2054AV2
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比例	NONE
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页号	1
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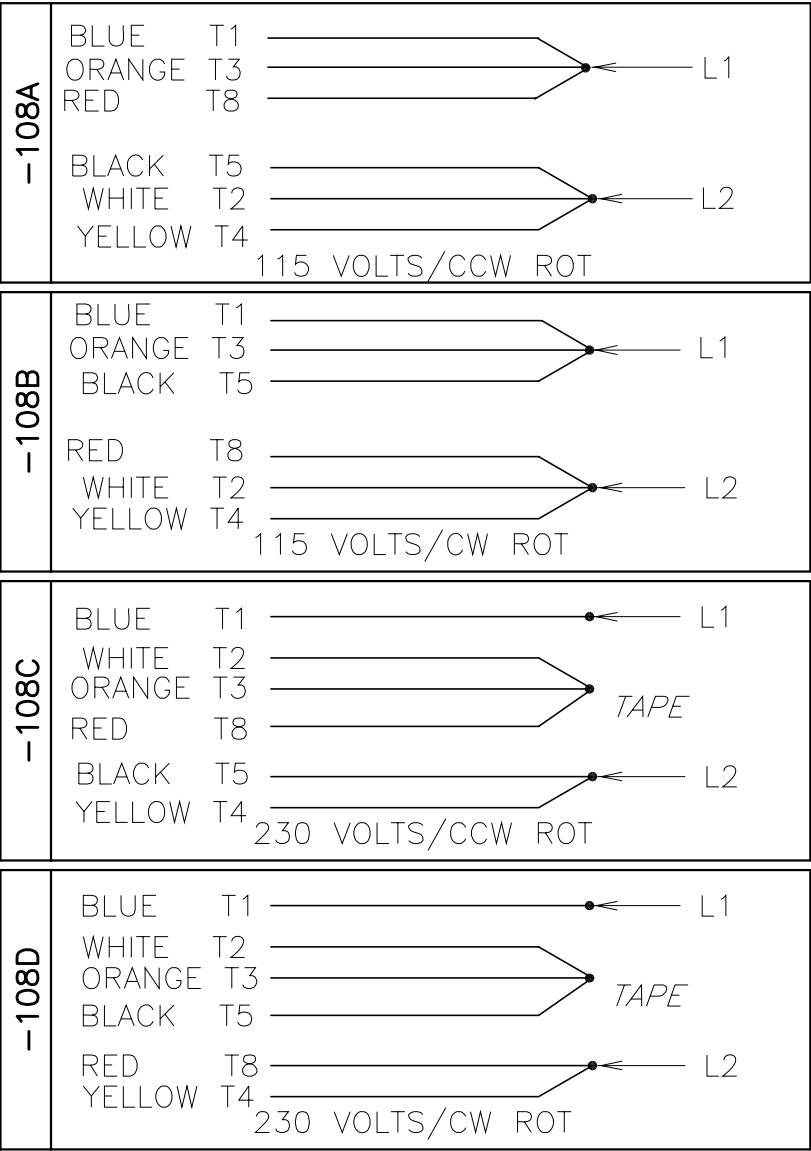
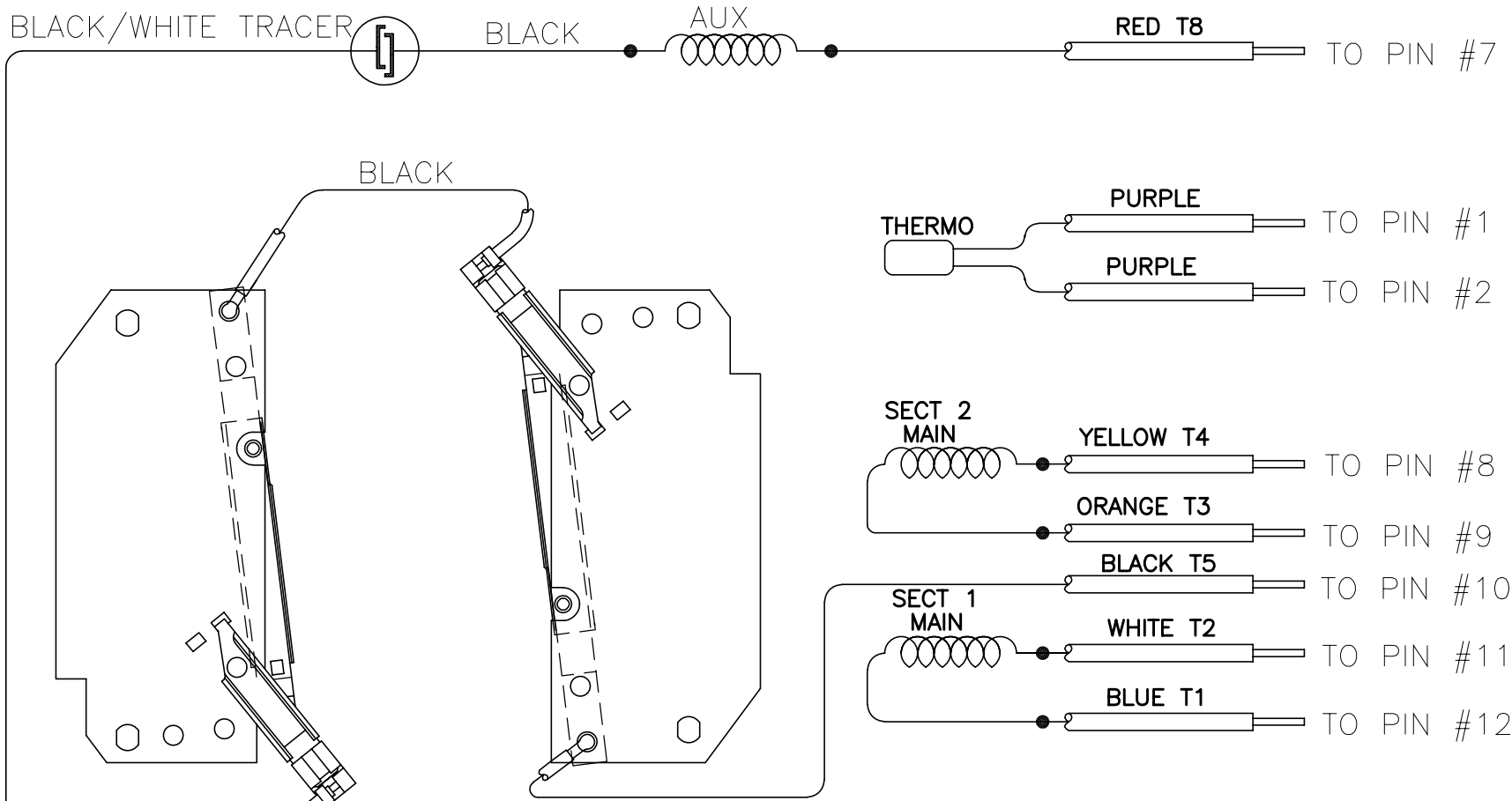
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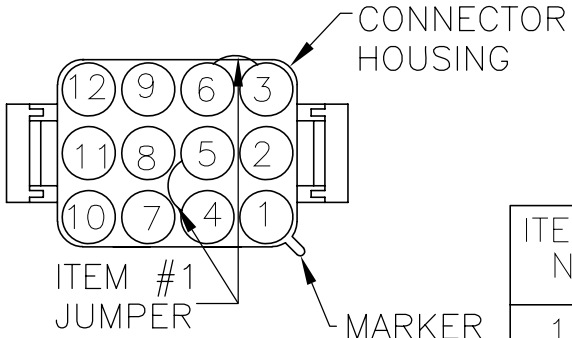
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REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
B		03975801	Yan Z	03-19-2008	RArmen	04-02-2008



- 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
◎ CONCENTRICITY
≡ SYMMETRY

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±.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:
APPD:
THIRD ANGLE PROJECTION
EDS DATE 01-21-2007
FORMAT REV E
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ELECTRICAL PRODUCTS COMPANY
TIPP CITY, OHIO

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DESCRIPTION
CONN DIAGRAM - EXTERNAL

SIZE B	DWG NO 620005-108
SCALE NONE	SHEET 1

4

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2

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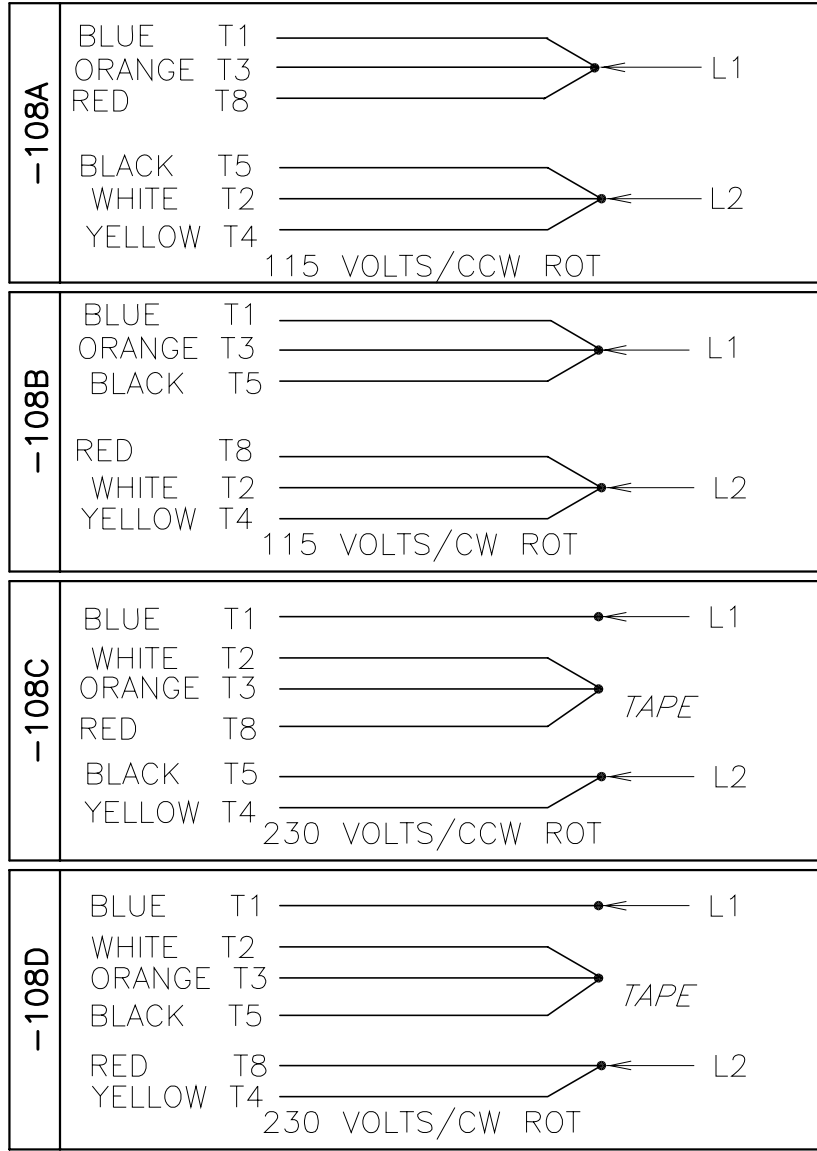
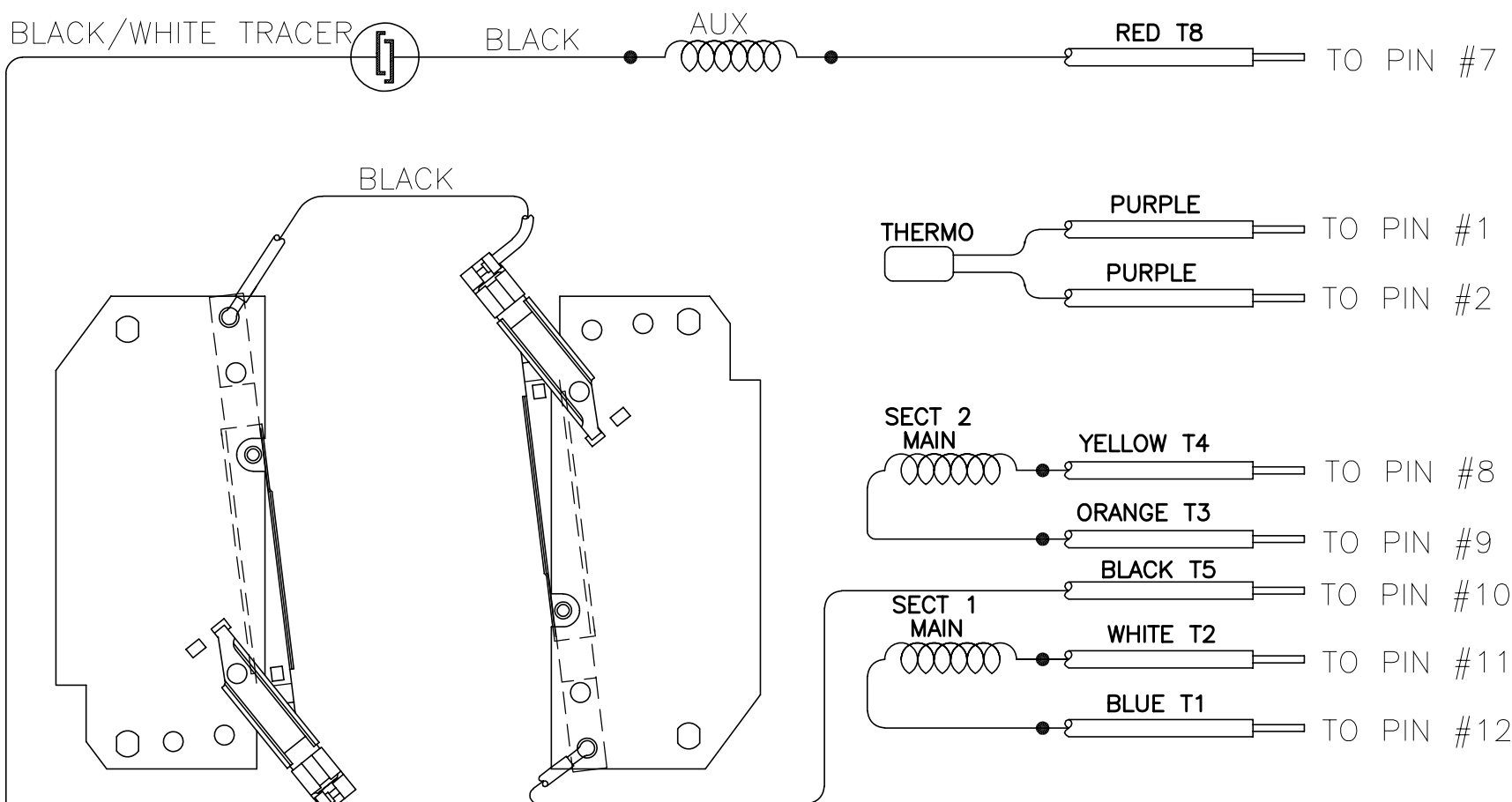
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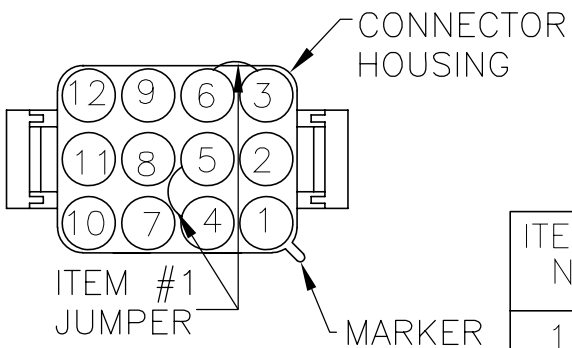
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REVISION:	ECN REFERENCIA:	PROYECTO REFERENCIA:	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B		03975801	Yan Z	03-19-2008	RArmen	04-02-2008



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

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS
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△ 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 $\pm .1$ $\pm .02$ $\pm .005$ $\pm .0005$
mm ± 0.5 ± 0.13 ± 0.013
ANG. $\pm .50$ 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:
APROBADO POR:
TERCER ANGULO DE PROYECCION
FECHA EDS: 01-21-2007
REV. FORMATO: E
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CONN DIAGRAM - EXTERNAL

TAMAÑO: B NUMERO DE DIBUJO: 620005-108

ESCALA: NONE HOJA: 1

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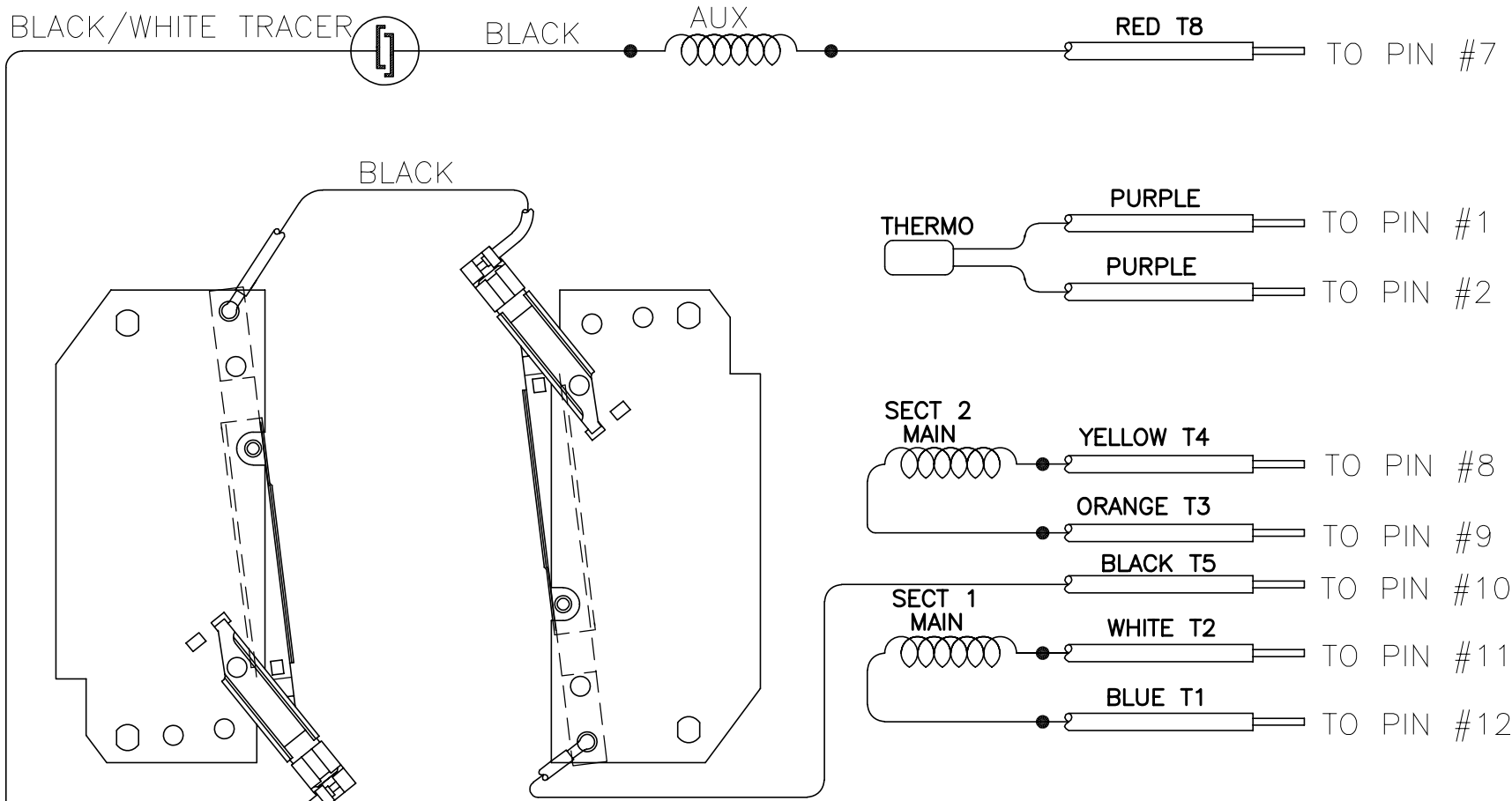
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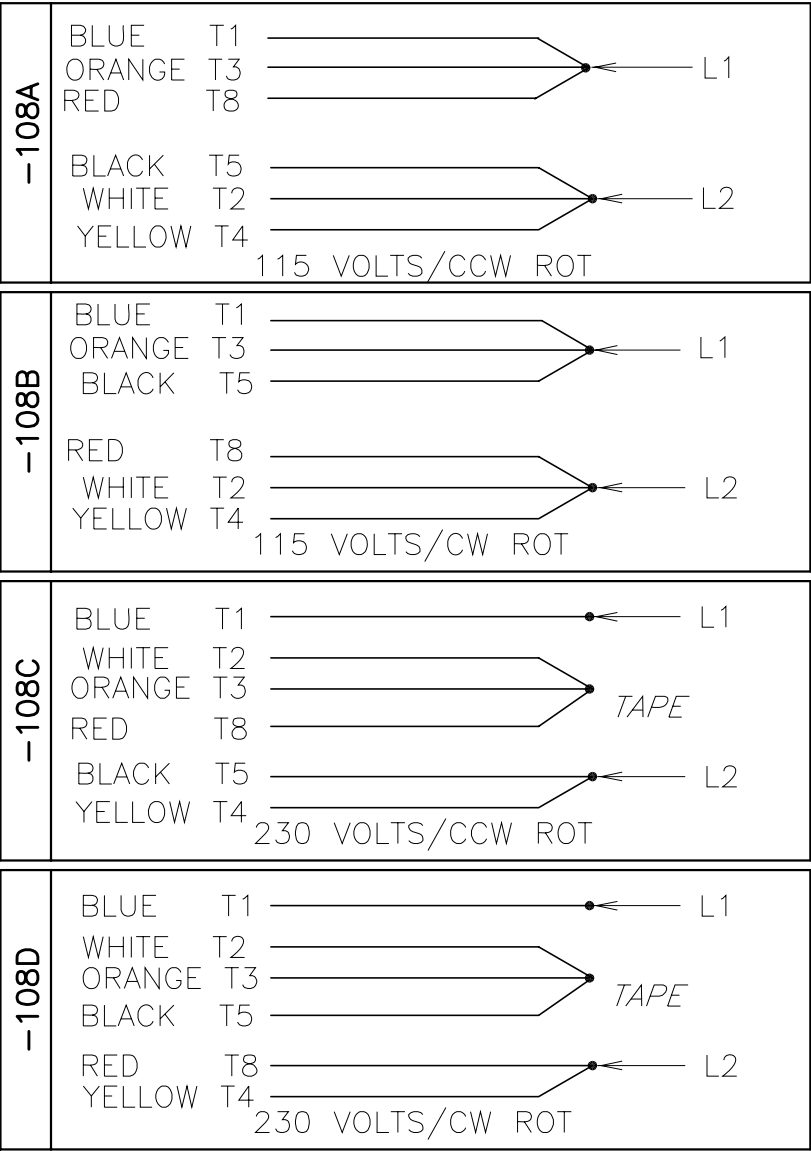
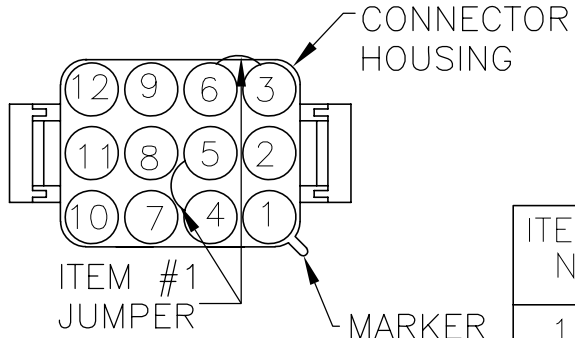
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版本	更改通知号	项目号	编制	日期	批准	日期
B		03975801	Yan Z	03-19-2008	RArmen	04-02-2008



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

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 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 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 []
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绘图:	
批准:	
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CONN DIAGRAM - EXTERNAL			
图幅 B	图号 620005-108		
比例 NONE			页号 1

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2

1