

PRODUCT INFORMATION PACKET

Model No: K205M2

Catalog No: K205M2

General Purpose Farm Duty Motor, 3 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184T Frame, TEFC



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Product Information Packet: Model No: K205M2, Catalog No:K205M2 General Purpose Farm Duty Motor, 3 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184T Frame, TEFC

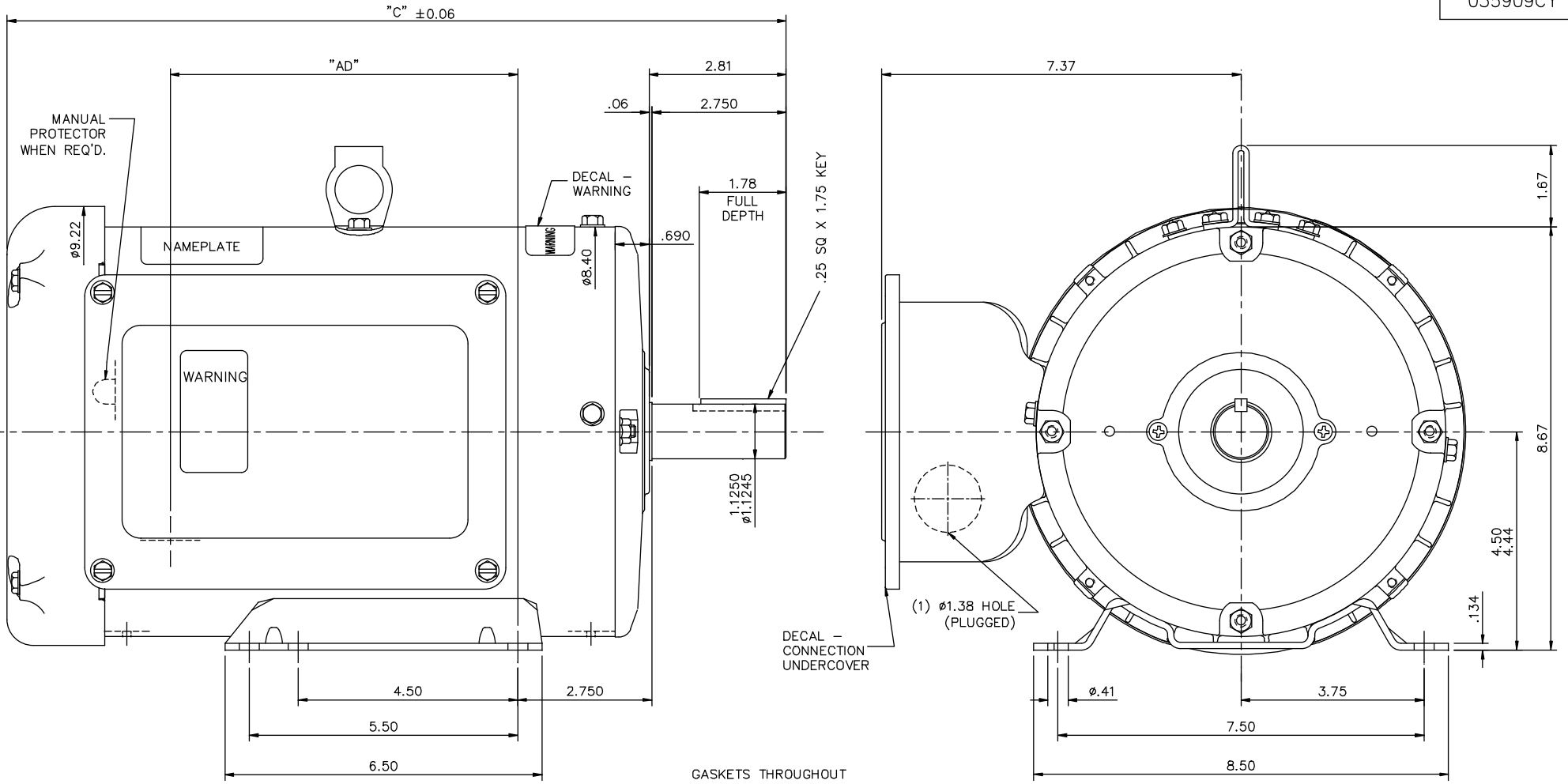
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	13 A	Speed	1770 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	F
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	15.46 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in		
Outline Drawing	035909CY	Connection Drawing	D0000417-001

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DASH NO.	"C"	"AD"
1000	15.46	6.62
1050	15.96	7.12
1100	16.46	7.62
1150	16.96	8.12
1200	17.46	8.62
1250	17.96	9.12
1300	18.46	9.62

				TOLERANCES UNLESS SPECIFIED				
				DEC.	INCHES			
				.X	±0	TITLE OUTLINE - 180T TEFC-RIGID		
				.XX	±0			SCALE
				.XXX	±0			REF 035636CY
2	NOTE DELETED	UD	10/23/13	SR	.XXX	±0	FMF	
1	DASH VALUE 1000 ADDED	GR	10/12/12	SR	.XXXX	±0	PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±0	FINISH		
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				DIST			B 035909CY	
							REV.	2

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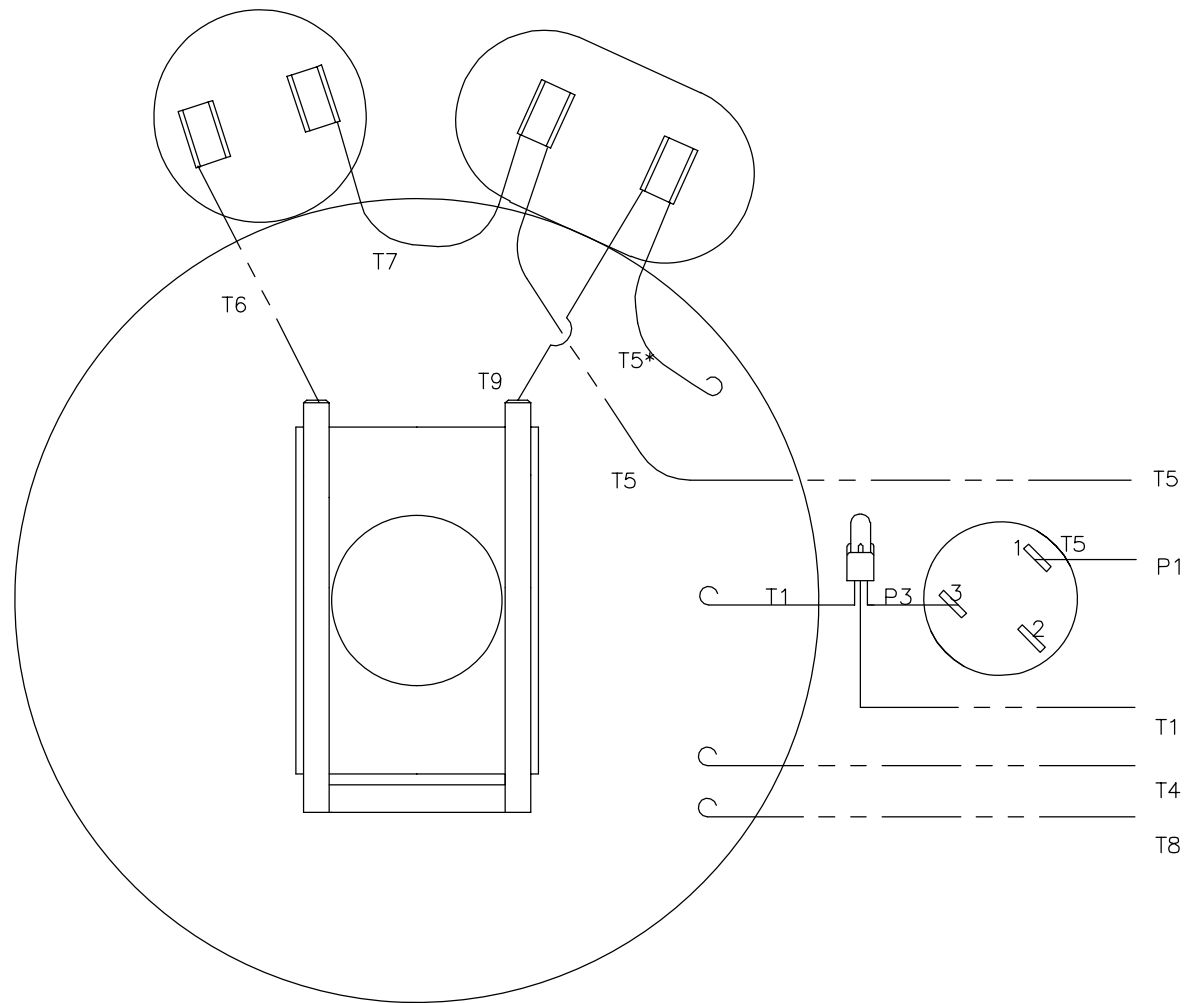
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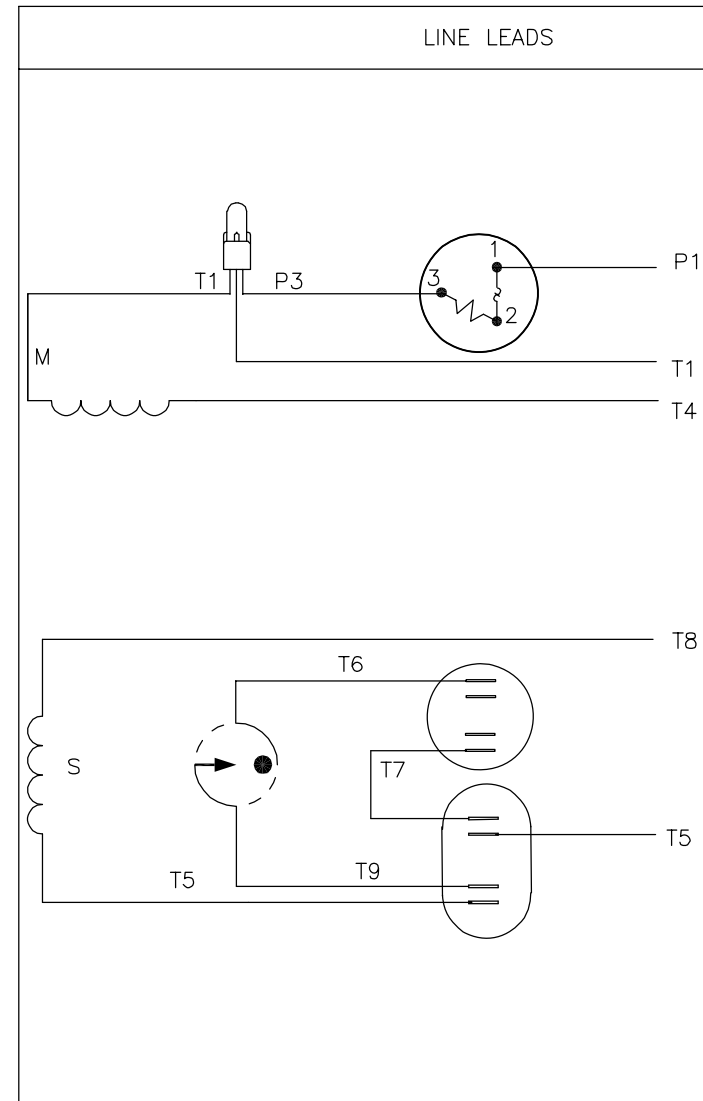
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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0028613	H.SANCHEZ	10-02-2012	H.SANCHEZ	10-02-2012

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS



ROTATION FACING	L1	L2	JOIN
LEAD END			
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

* THIS LEAD MAY BE WHITE

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:	O.CARVAJAL	10-02-2012
APPD:	D.JAMORA	10-02-2012
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011 FORMAT REV H
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		REGAL-BELOIT CORPORATION	
DESCRIPTION			
CONN DIAGRAM-EXTERNAL			
SIZE	C	DWG NO	D0000417-001
SCALE	NONE	SHEET 1	

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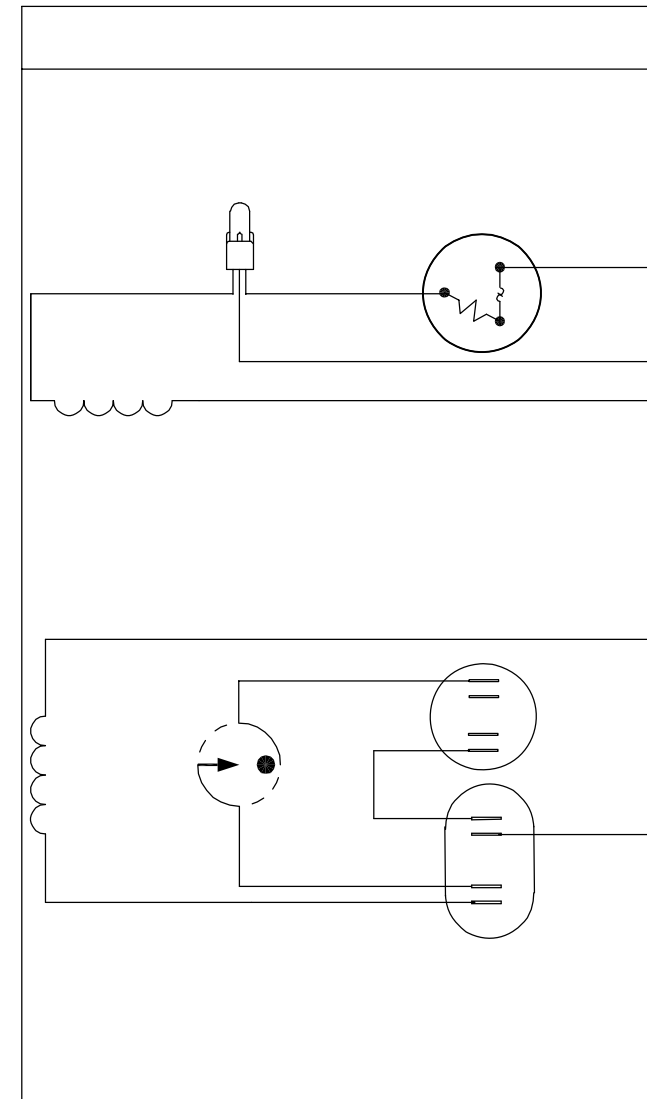
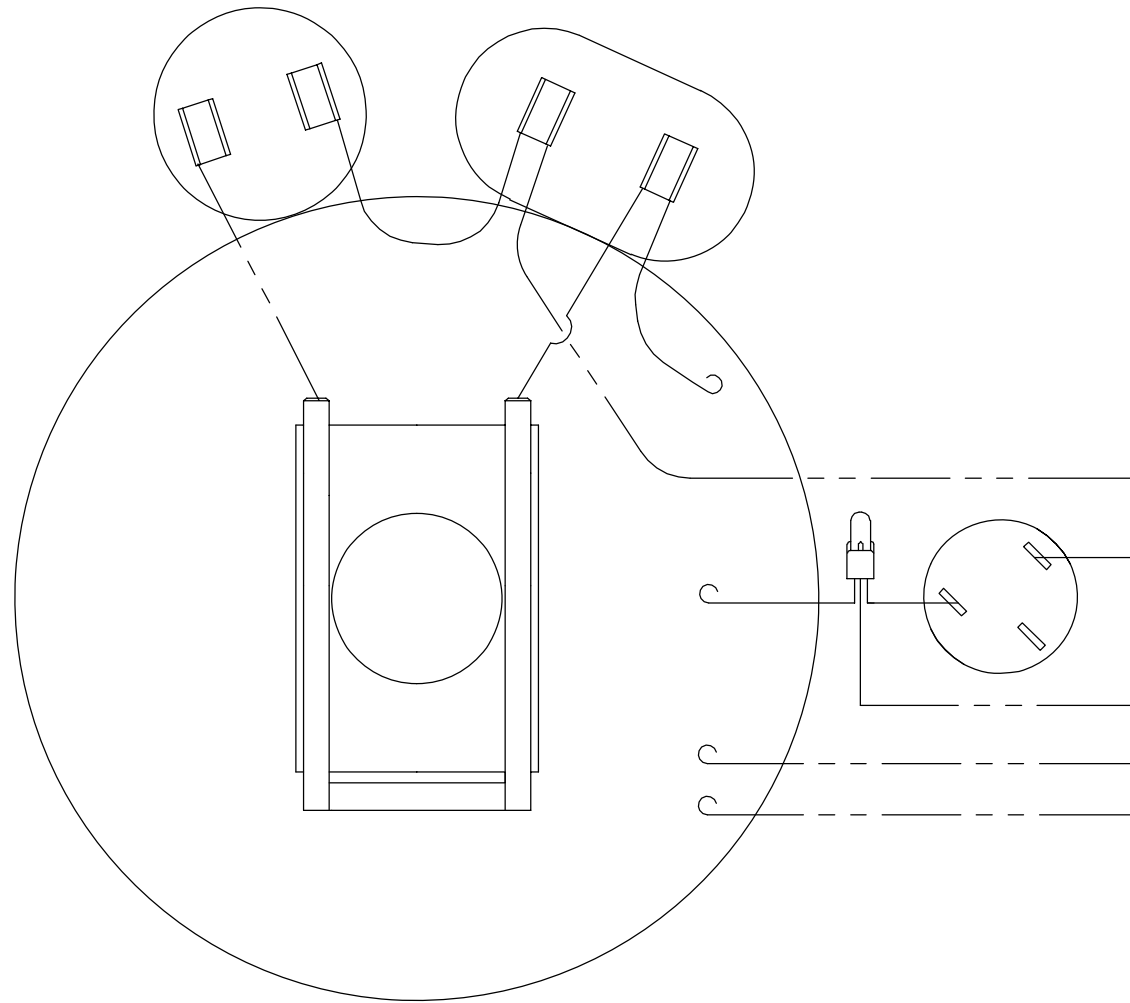
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	ECO-0028613	H.SANCHEZ	10-02-2012	H.SANCHEZ	10-02-2012



	L1	L2	JOIN
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

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:
 X XX XXX XXXX
 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

DIBUJADO POR: O.CARVAJAL 10-02-2012
 APROBADO POR: D.JAMORA 10-02-2012
 TERCER ANGULO DE PROYECCION
 FECHA EDS: 11-11-2011
 REV. FORMATO: H
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REGAL REGAL-BELOIT CORPORATION
 DESCRIPCION: CONN DIAGRAM-EXTERNAL
 TAMAÑO: C NUMERO DE DIBUJO: D0000417-001
 ESCALA: NONE HOJA: 1

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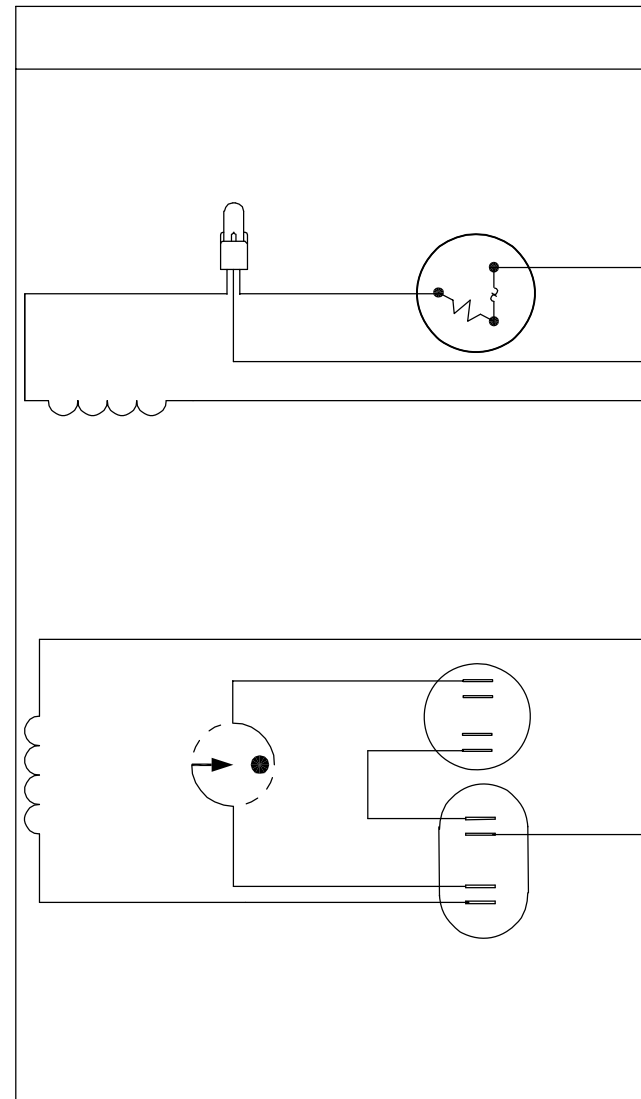
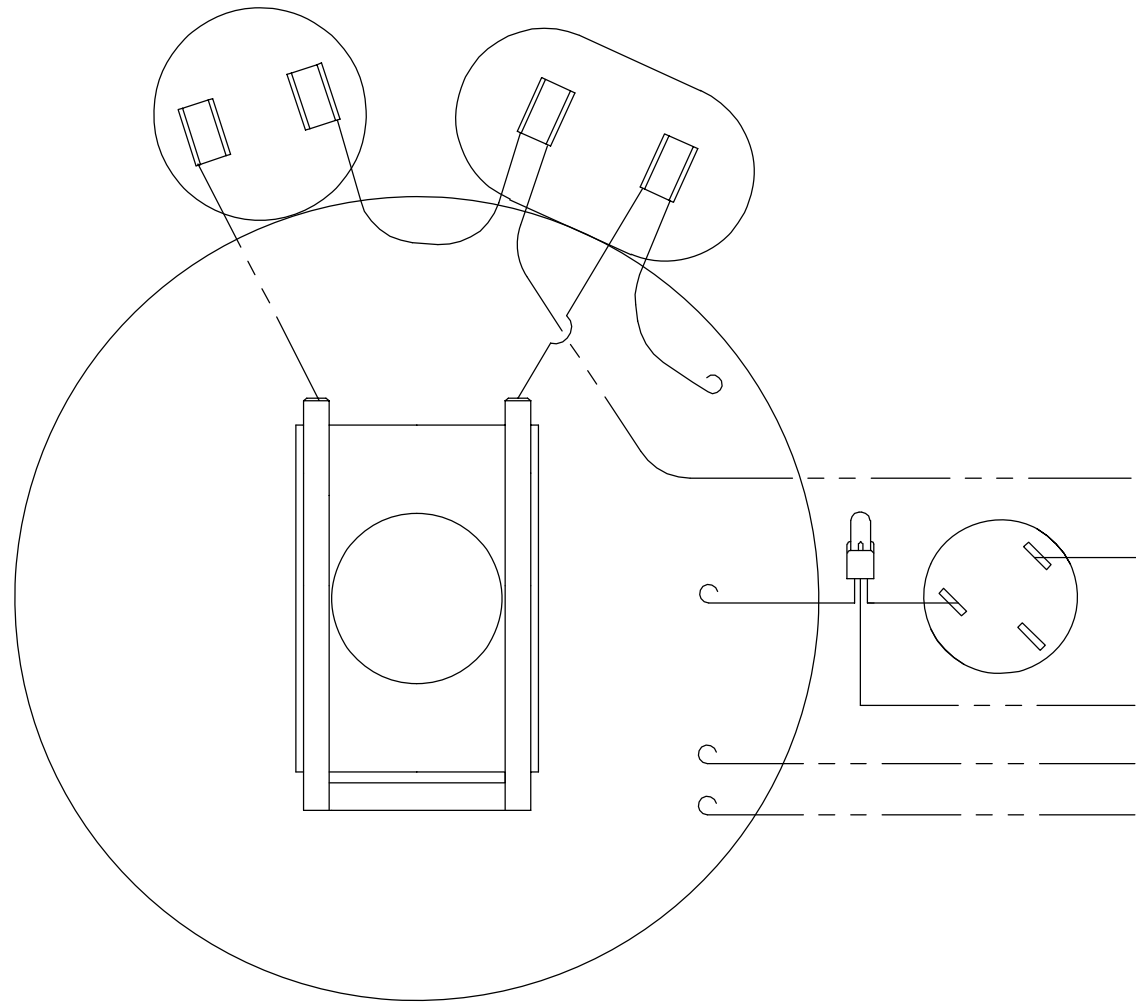
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版本	ECO	编制	日期	批准	日期
A	ECO-0028613	H.SANCHEZ	10-02-2012	H.SANCHEZ	10-02-2012



	L1	L2	JOIN
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

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

ASME Y14.5M 1994

除另有注明
尺寸公差如下:

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
 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: O.CARVAJAL 10-02-2012
 批准: D.JAMORA 10-02-2012
 第三角投影

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名称: CONN DIAGRAM-EXTERNAL

图幅: C 图号: D0000417-001

比例: NONE 页号: 1

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