

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 048S17D11040

Catalog No: GF2054

Fan and Blower Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 48Y Frame, DP



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RegalRexnord

Nameplate Specifications

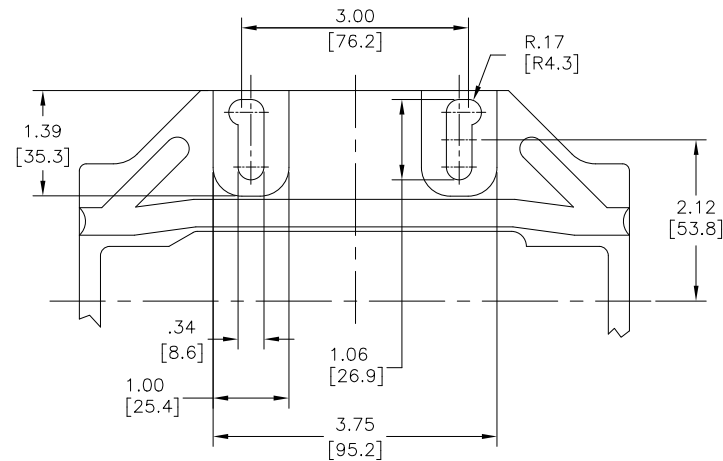
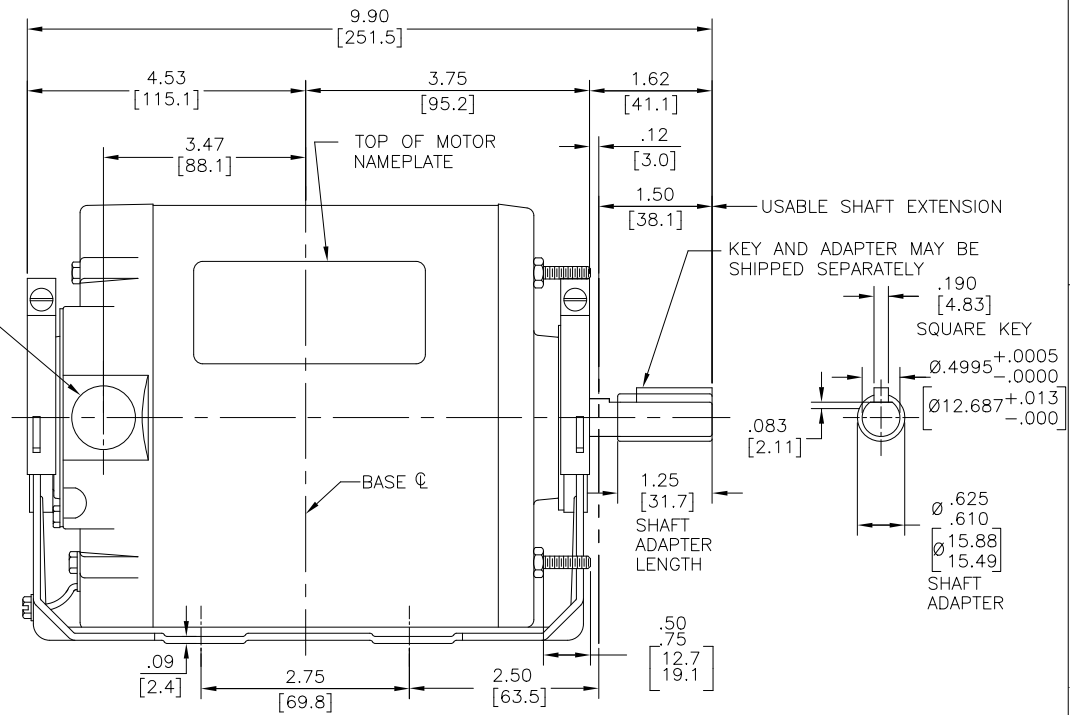
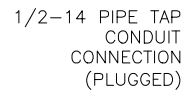
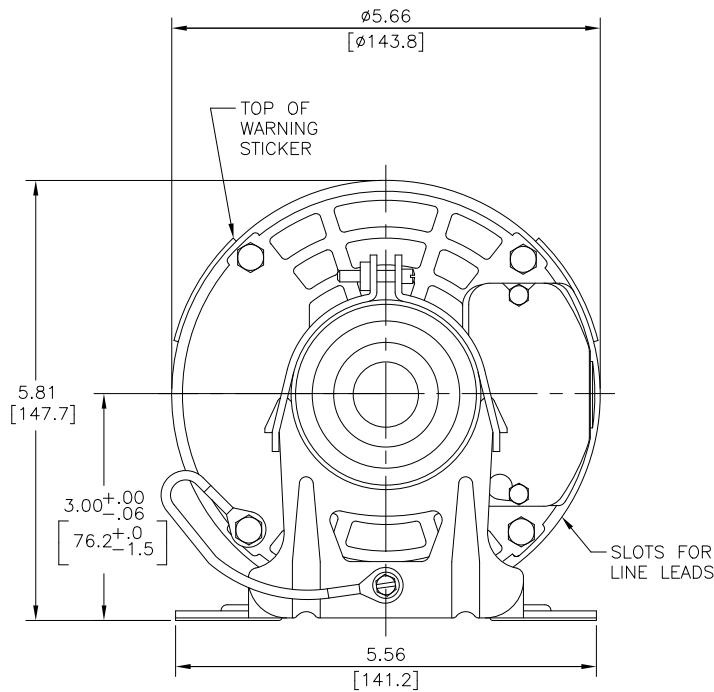
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	7.2/3.6 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	62 %	Power Factor	73
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Frame	48Y	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6202	Opp Drive End Bearing Size	6202
UL	Recognized	CSA	Y
CE	N	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal Or Up Or Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Shaft Diameter	0.500 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	626883-001-S01	Outline Drawing	048S17D11040

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REV	ECO	REV BY	DATE	APPD	DATE
B	ECR-0222585	SRIKANTH	12/6/2022	GD	12/6/2022

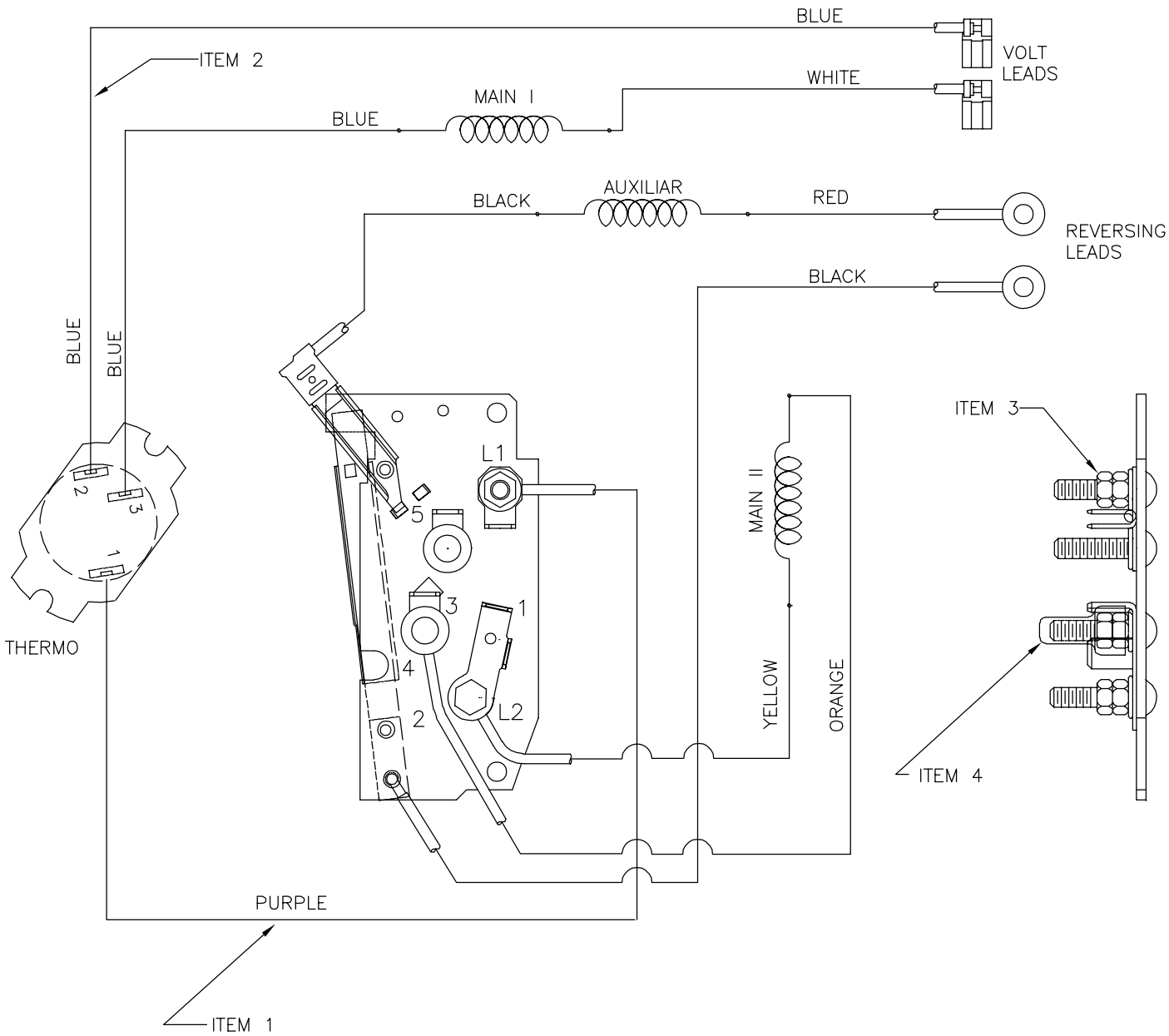


BOTTOM VIEW OF BASE

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 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/	DR BY: D.SURYAWANSHI APPD: THIRD ANGLE PROJECTION 	02/09/2022 EDS DATE FORMAT REV G	REGAL™ Regal Beloit America, Inc.
ASME Y14.5M 1994	METRIC DIMS. SHOWN IN [BRACKETS]	CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL—BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL—BELOIT CORPORATION.—ALL RIGHTS RESERVED.	DESCRIPTION OUTLINE	SIZE C DWG NO 048S17D111040
			SCALE NONE	SHEET 1

REV	ECO	REV BY	DATE	APPD	DATE
F	0018594	E. LOPEZ	02-15-2011	T. REYES	02-15-2011

PART NUMBER	ROT.	CONNECTION	VOLT	CONNECTION
626883-001A	CCW	BLACK → 2 RED → 4	115	WHITE → 1 BLUE → 3
626883-001B	CW	RED → 2 BLACK → 4	115	WHITE → 1 BLUE → 3
626883-001C	CCW	BLACK → 2 RED → 4	230	BLUE → 5 WHITE → 3
626883-001D	CW	RED → 2 BLACK → 4	230	BLUE → 5 WHITE → 3



CONNECT REVERSING & VOLTAGE LEADS
PER DASH CONDITION SPECIFIED ON
BOM FOR MODEL.
LEAD & TERMINAL ASSEMBLY PER PS-595
LEAD LOCATION SHOULD BE
ESSENTIALLY AS SHOWN

PARTS LIST

ITEM	REQ	DESCRIPTION	PART NUMBER
1	1	LEAD	091P16-U5-065-KD
2	1	LEAD	091BL16-U5-075-KM
3	4	NUT, HEX-#8	368C210H05
4	2	TERMINAL-INSULATOR	167A168H01

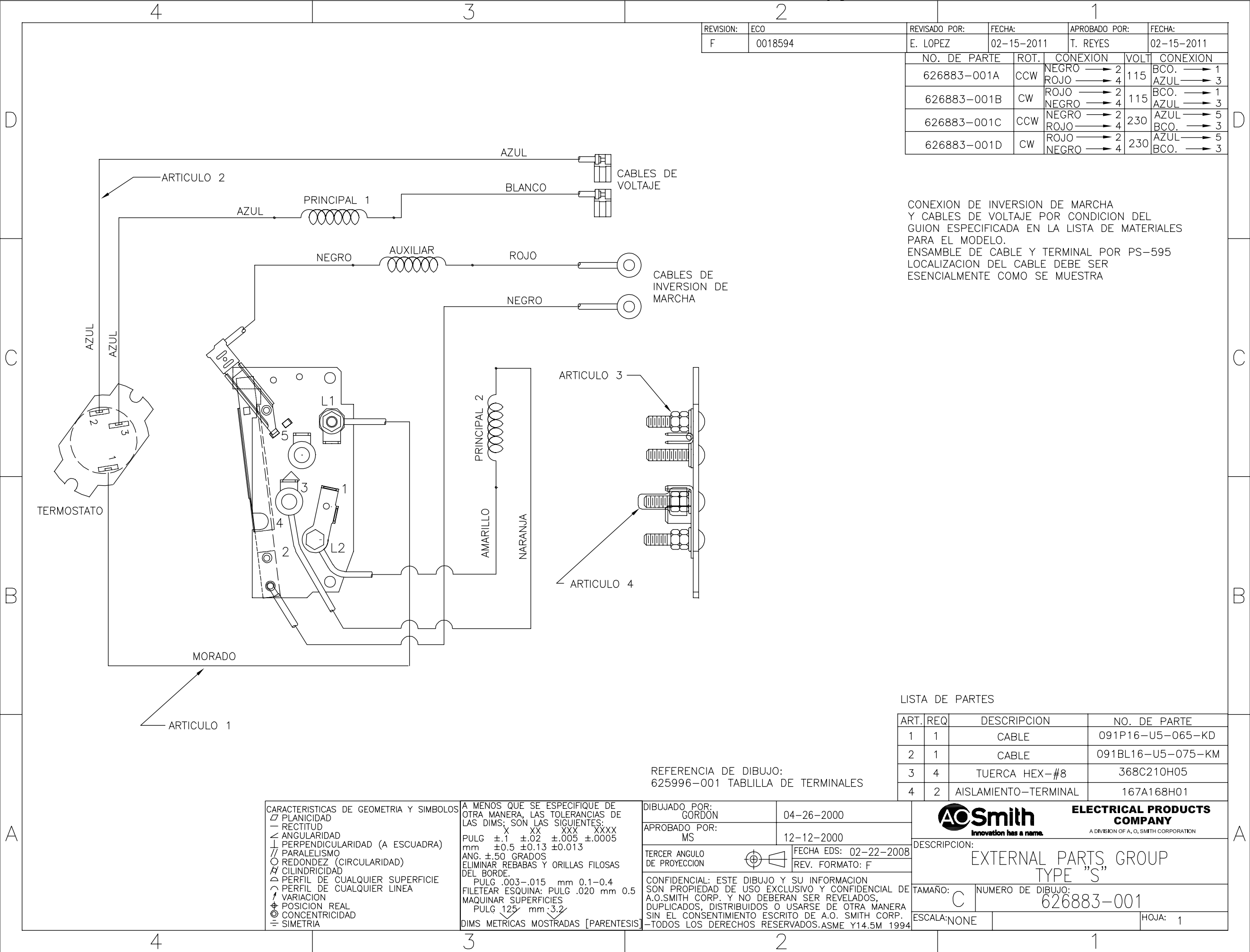
DRAFT REFERENCE:
625996-001 TERMINAL BOARD

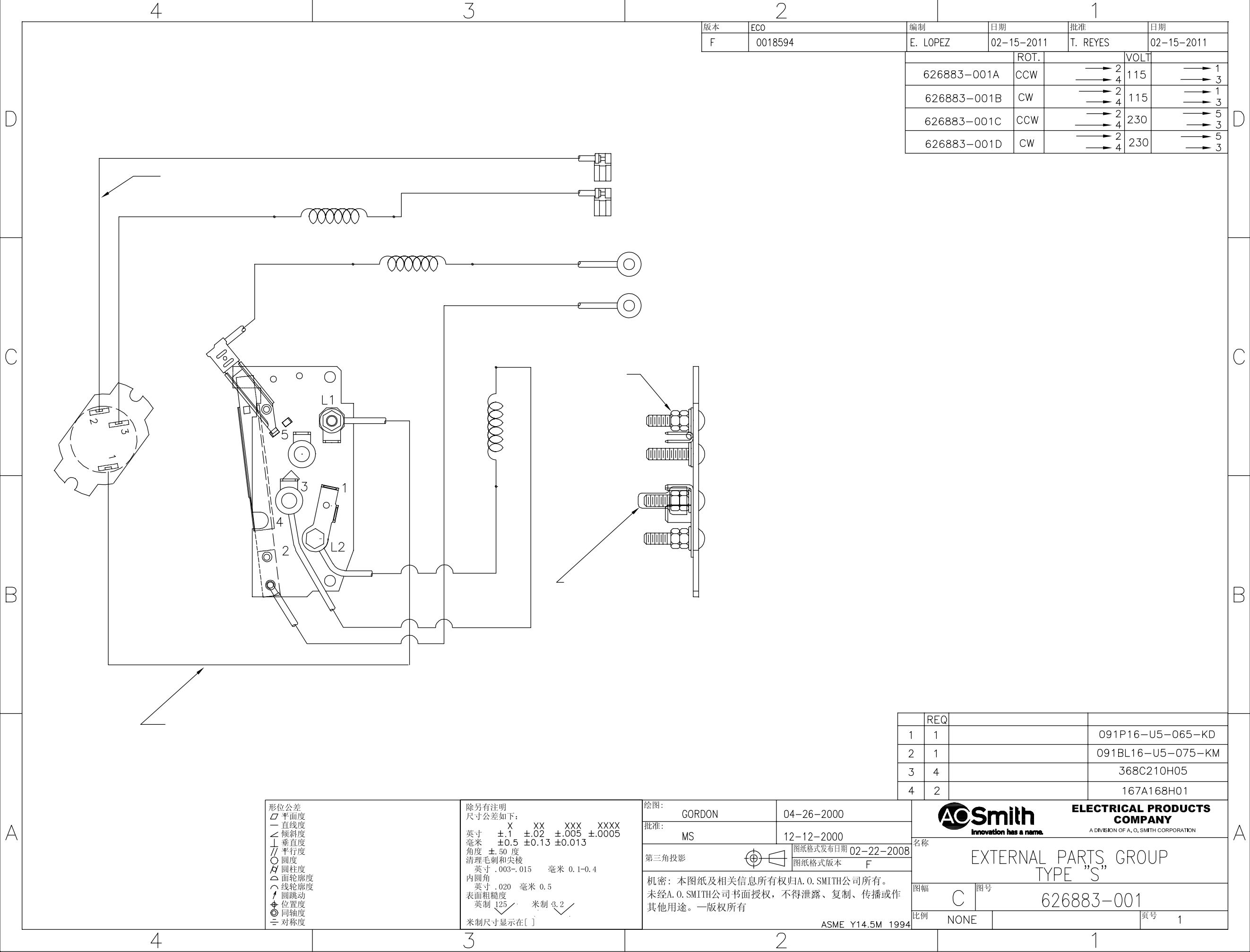
GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⌀ CYLINDRICITY
△ PROFILE OF ANY SURFACE
— PROFILE OF ANY LINE
↑ RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±0.1 ±0.2 ±0.005 ±0.0005
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: GORDON 04-26-2000
APPD: MS 12-12-2000
THIRD ANGLE PROJECTION
EDS DATE 02-22-2008
FORMAT REV F
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ACSmith **ELECTRICAL PRODUCTS COMPANY**
Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION
DESCRIPTION
EXTERNAL PARTS GROUP
TYPE "S"
SIZE C DWG NO 626883-001
SCALE NONE SHEET 1





版本	ECO	编制	日期	批准	日期
F	0018594	E. LOPEZ	02-15-2011	T. REYES	02-15-2011
626883-001A	CCW	ROT.	2 4	VOLT	115
626883-001B	CW		2 4		115
626883-001C	CCW		2 4		230
626883-001D	CW		2 4		230

	REQ		
1	1		091P16-U5-065-KD
2	1		091BL16-U5-075-KM
3	4		368C210H05
4	2		167A168H01

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 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: GORDON 批准: MS 第三角投影 机密: 本图纸及相关信息所有权归A. O. SMITH公司所有。 未经A. O. SMITH公司书面授权, 不得泄露、复制、传播或作其他用途。—版权所有	04-26-2000 12-12-2000 图纸格式发布日期 02-22-2008 图纸格式版本 F ASME Y14.5M 1994	名称 图幅 C 比例 NONE	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION EXTERNAL PARTS GROUP TYPE "S" 626883-001	页号 1
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