

PRODUCT INFORMATION PACKET



Model No: EM3465F
Catalog No: EM3465F

PRO-E SERIES® Condenser Fan Motor, 1/3, 1/5 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 2 Speed, 48 Frame, TEAO



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Nameplate Specifications

Phase	1	Output HP	1/3, 1/5 Hp
Output KW	0.25 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	70 °C
Frequency	60 Hz	Current	2.6, 1.6 A
Duty	Air Over	Insulation Class	F
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	11.42 in	Frame Length	4.93 in
Shaft Diameter	0.500 in	Shaft Extension	6.0 in
Outline Drawing	EM3465F_FA	Connection Drawing	D0000006-037

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

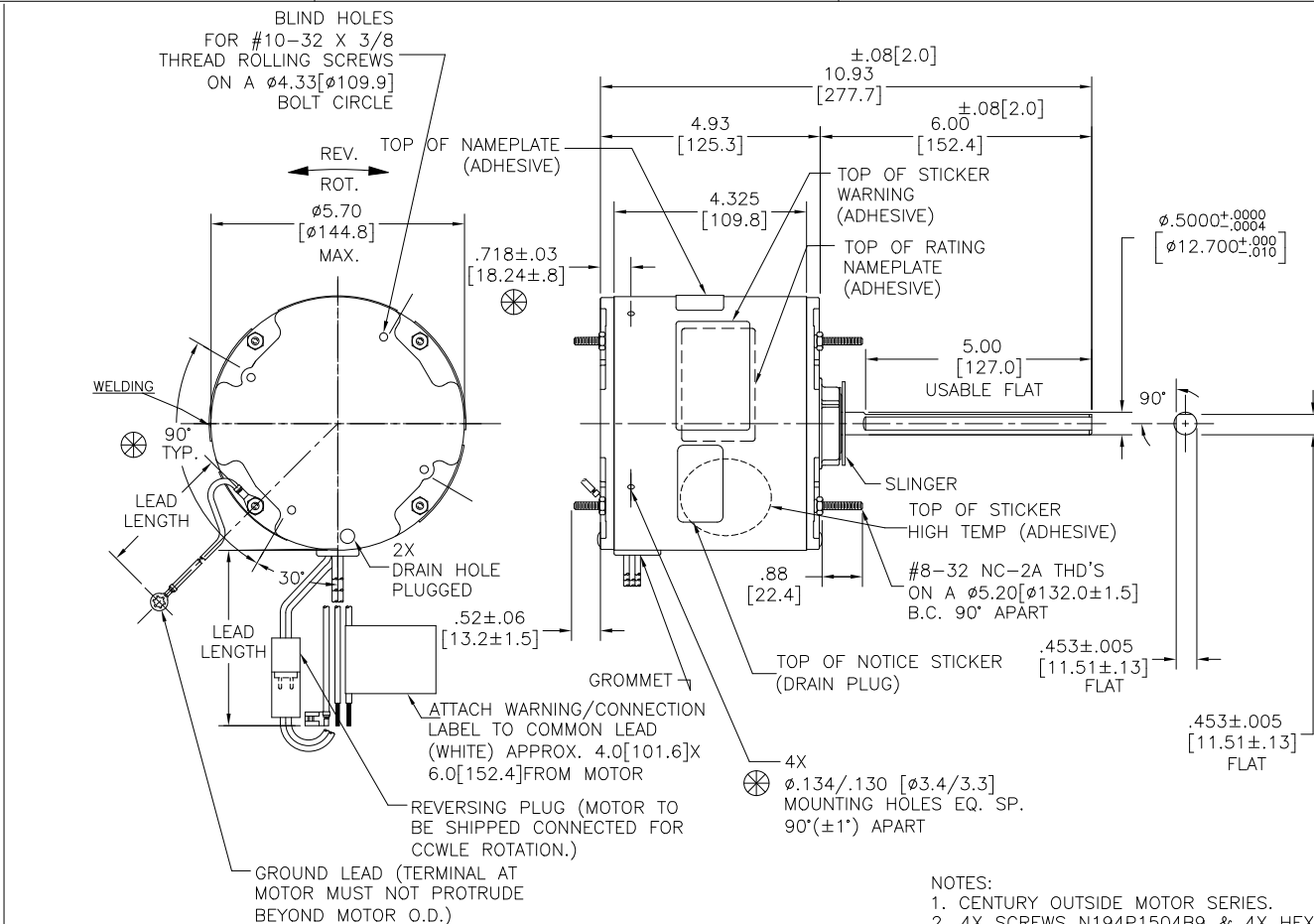
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)

LINE LEADS: NO. 18 GA., .03 [.8] THK. XLP 125°C INSUL.

REVERSING PLUGS: NO. 18 GA., .03 [.8] THK. XLP 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN) INSUL.



- NOTES:
- CENTURY OUTSIDE MOTOR SERIES.
 - 4X SCREWS N194P1504B9 & 4X HEX NUTS N238P15B9 TO BE PUT IN A POLYBAG
4x SCREW 13833003 TO BE PUT IN A POLYBAG.
 - SPRING SHIM IN OLE SIDE.
 - ALL LABEL READ FROM LE

⊗ DENOTES CRITICAL CHARACTERISTICS

SAMPLE SM19-086 NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.:5KCP39MGDD586S CUST. P/N: EM3465F HP: 1/3, 1/5 ROT.: REVERSIBLE RPM: 1075/2 SPD. TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 2.6, 1.6 HZ: 60 INS.: F AMB.: 70°C DUTY: AIR OVER CAP.: 7.5 OR 5 MFD/370V THERMALLY PROTECTED	SEP. CAP. BROWN BRN/WHT WHITE BLACK HI RED LO ROTATION BLACK WHITE WHITE CCWLE BLACK WHITE WHITE CWLE
MADE IN INDIA E27885	D0000006-037

GREEN (GROUND)	12.0/13.0 [305/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	34.5/37.5 [876/953]	.25 [6.4] FLAG
BROWN/WHITE	34.5/37.5 [876/953]	.25 [6.4] FLAG
RED	34.5/37.5 [876/953]	.50 [12.7] SKIN
BLACK	34.5/37.5 [876/953]	.50 [12.7] SKIN
WHITE	34.5/37.5 [876/953]	.50 [12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED

ENCLOSURE

DRAWING REVISION	REVISION BY	DATE
ECO	AD	22.02.24
ECR-0230274	APPROVED BY LS	22.02.24
ECO DESCRIPTION		
CLAMP SCREW UPDATE IN NOTES		
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DRAWN BY:	MC
DATE:	18-07-21
APPROVED BY:	LS
DATE:	18-07-21
PROCESS/FINISH	-
THIRD ANGLE PROJECTION	⊗

Regal Rexnord	Regal Beloit America, Inc.
DESCRIPTION	MODEL-RFHP-48FR OUTLINE
MATERIAL	-
SIZE DWG NO	EM3465F_FA
SHEET	1

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REV	ECO	REV BY	DATE	APPD	DATE
A	0023296	J.ZHU	11-23-2011	T.WANG	11-23-2011

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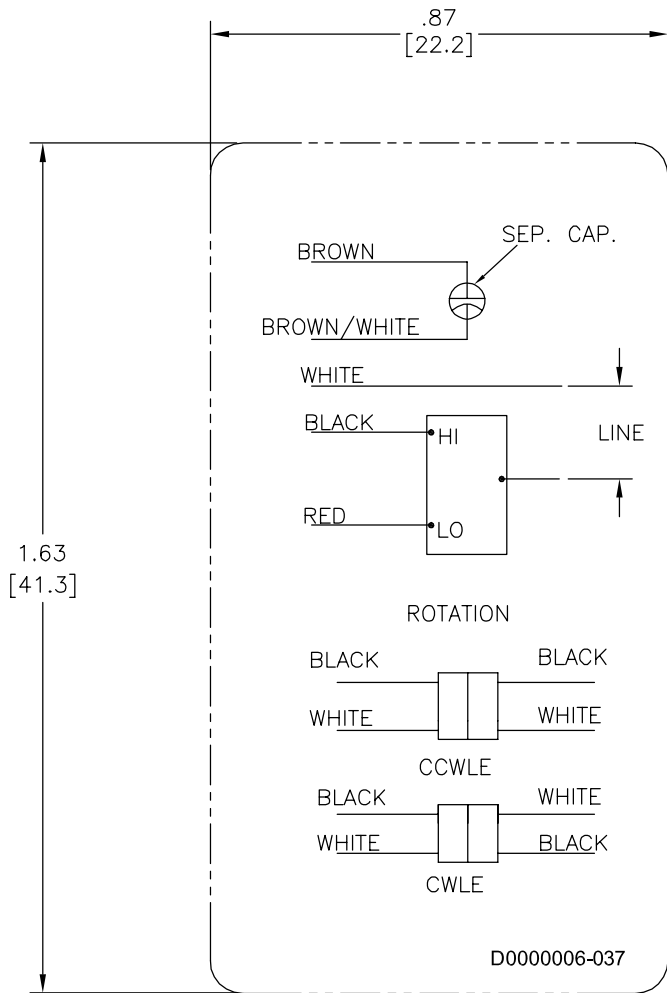
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NOTES:

1. FOR USE WITH 614129 OR 2513020-001 NAMEPLATE BLANKS;
2. ——— INDICATES DIMENSION LIMITS

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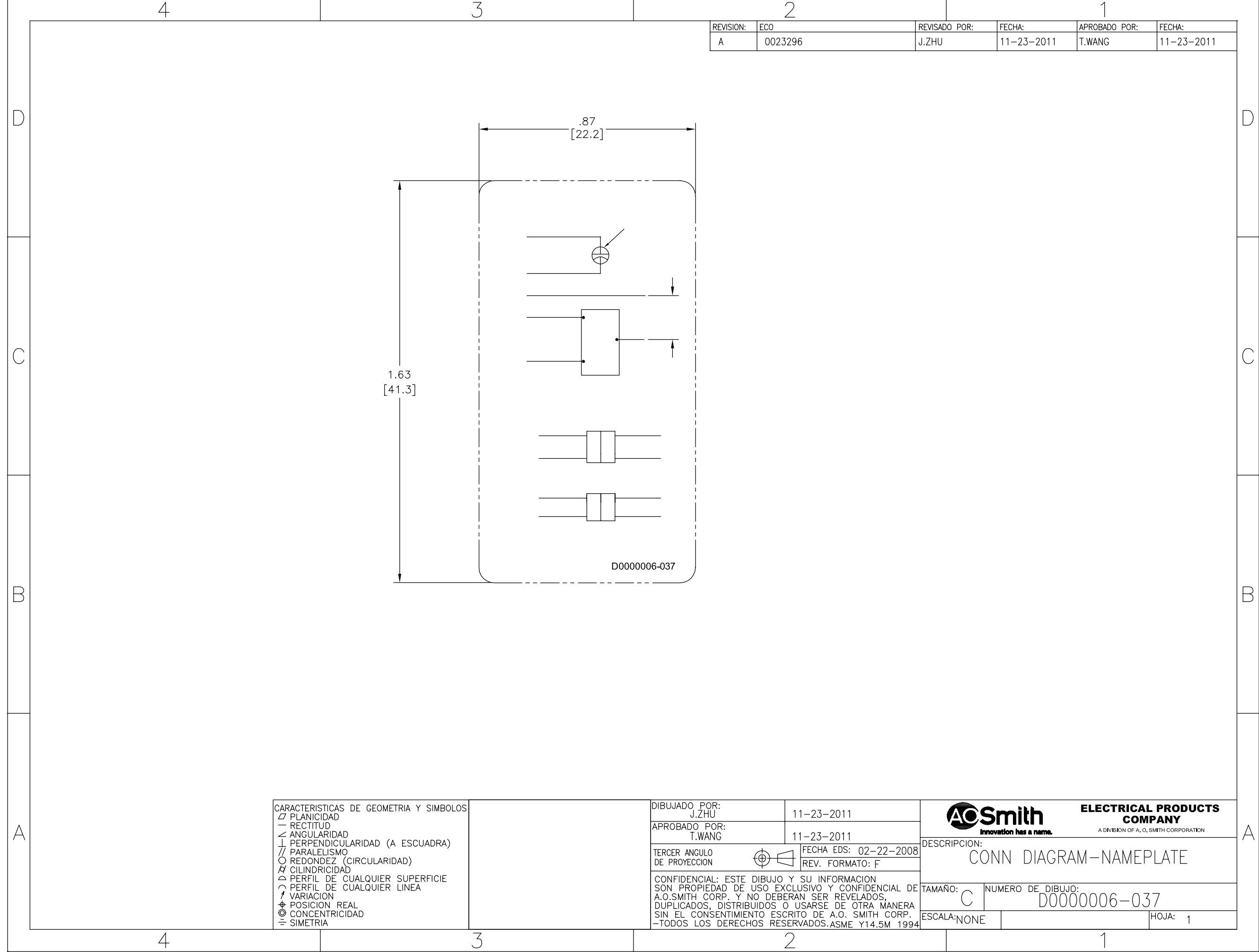
GEOMETRIC CHARACTERISTICS & SYMBOLS ⊥ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⌀ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↗ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: X XX XXX XXXX 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: J.ZHU	11-23-2011	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION
		APPD: T.WANG	11-23-2011	
		THIRD ANGLE PROJECTION 	EDS DATE 02-22-2008 FORMAT REV F	
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		DESCRIPTION CONN DIAGRAM-NAMEPLATE		
		SIZE C	DWG NO D0000006-037	
SCALE NONE	SHEET 1			

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版本	ECO	编制	日期	批准	日期
A	0023296	J.ZHU	11-23-2011	T.WANG	11-23-2011

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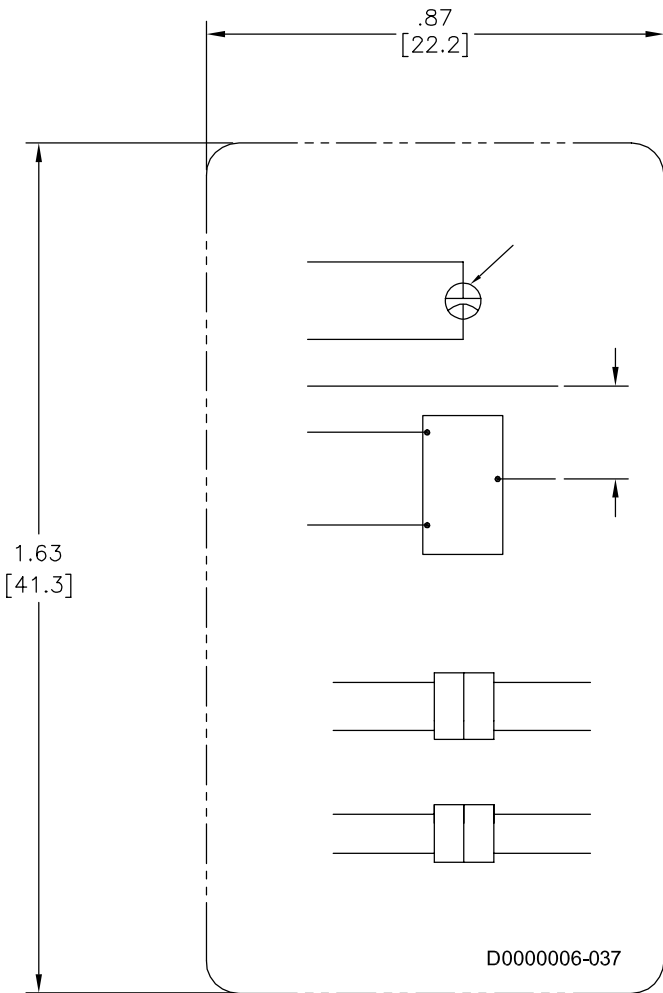
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形位公差 □ 平面度 — 直线度 ∠ 倾斜度 ⊥ 垂直度 ∥ 平行度 ○ 圆度 ⊙ 圆柱度 ⌒ 圆轮廓度 △ 面轮廓度 ⌒ 线轮廓度 ↗ 圆跳动 ⊕ 位置度 ◎ 同轴度 ≡ 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在 []	绘图:	J.ZHU	11-23-2011	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION
		批准:	T.WANG	11-23-2011	
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名称 CONN DIAGRAM-NAMEPLATE					
图幅 C		图号 D0000006-037			
比例 NONE					页号 1

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