

PRODUCT INFORMATION PACKET



Model No: USQ1052

Catalog No: USQ1052

Pool Pump Motor, 1/2 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 48Y Frame, ODP



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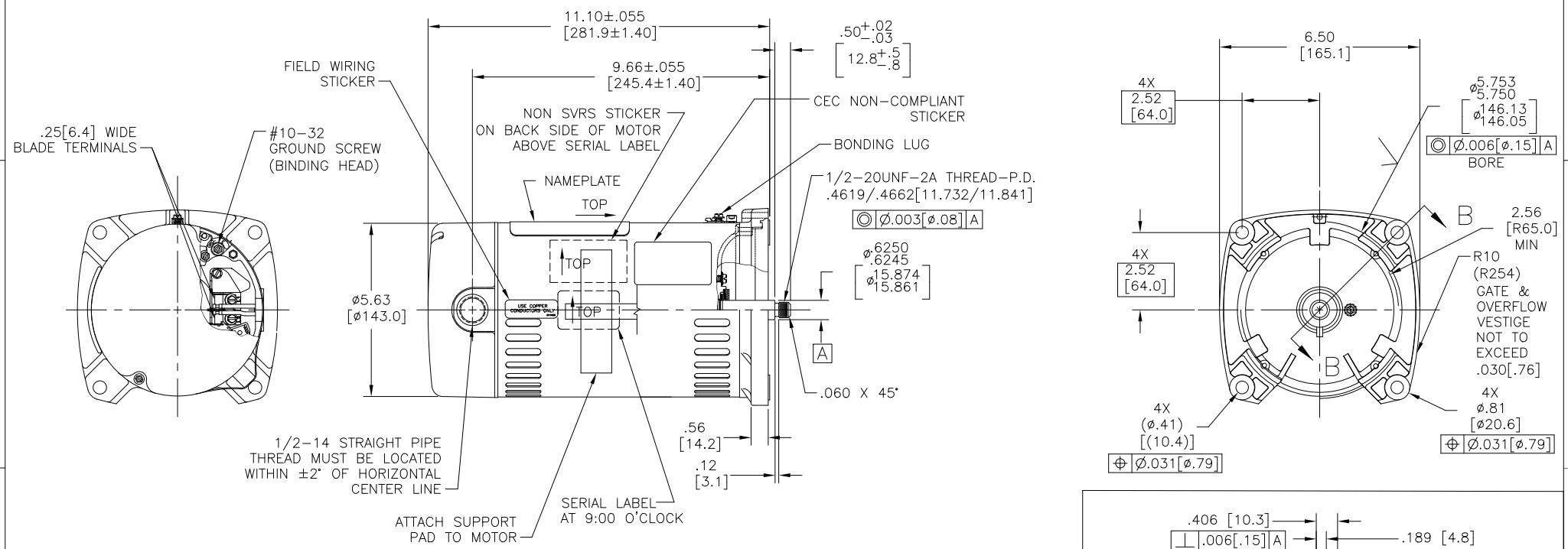
Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	230/115 V
Speed	3450 rpm	Service Factor	1.3
Frame	48Y	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
Frequency	60 Hz	Current	5.0/9.9 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

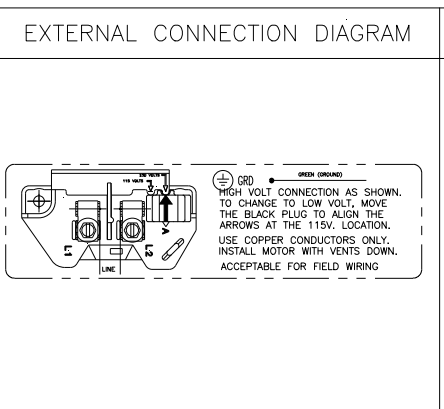
Technical Specifications

Electrical Type	Cap Start Motor	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	1/2 Thread
Overall Length	11.82 in	Frame Length	8.06 in
Shaft Diameter	0.625 in	Shaft Extension	0.906 in
Connection Drawing	627103-006	Outline Drawing	USQ1052

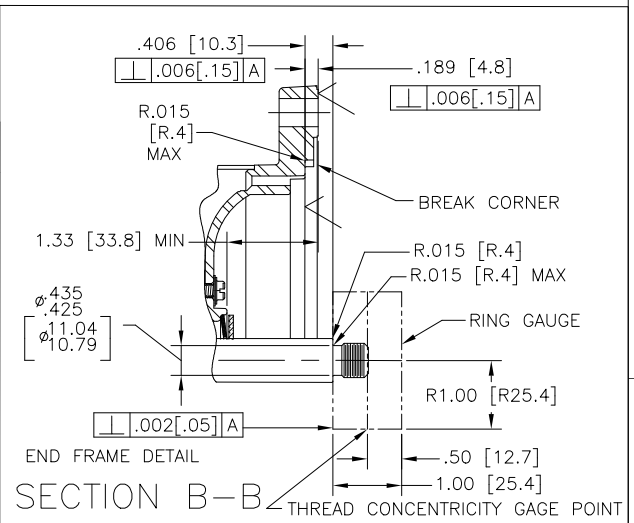
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NAMEPLATE DATA	
MODEL: C48H2PA105C5	
CUST PN: USQ1052	
HP: 0.5 SF: 1.3	
ROT: CCWPE	
RPM: 3450	
TYPE: UAC	CODE: K
FORM:	FRAME: 48 Y
VOLTS: 230/115	
AMPS:	
MAX AMPS: 5.0/9.9	
SF AMPS: -	
PH: 1	HZ: 60
INS: B	AMB: 50°C
DUTY: CONT	
ENCLOSURE: ODP	
THERMALLY PROTECTED	



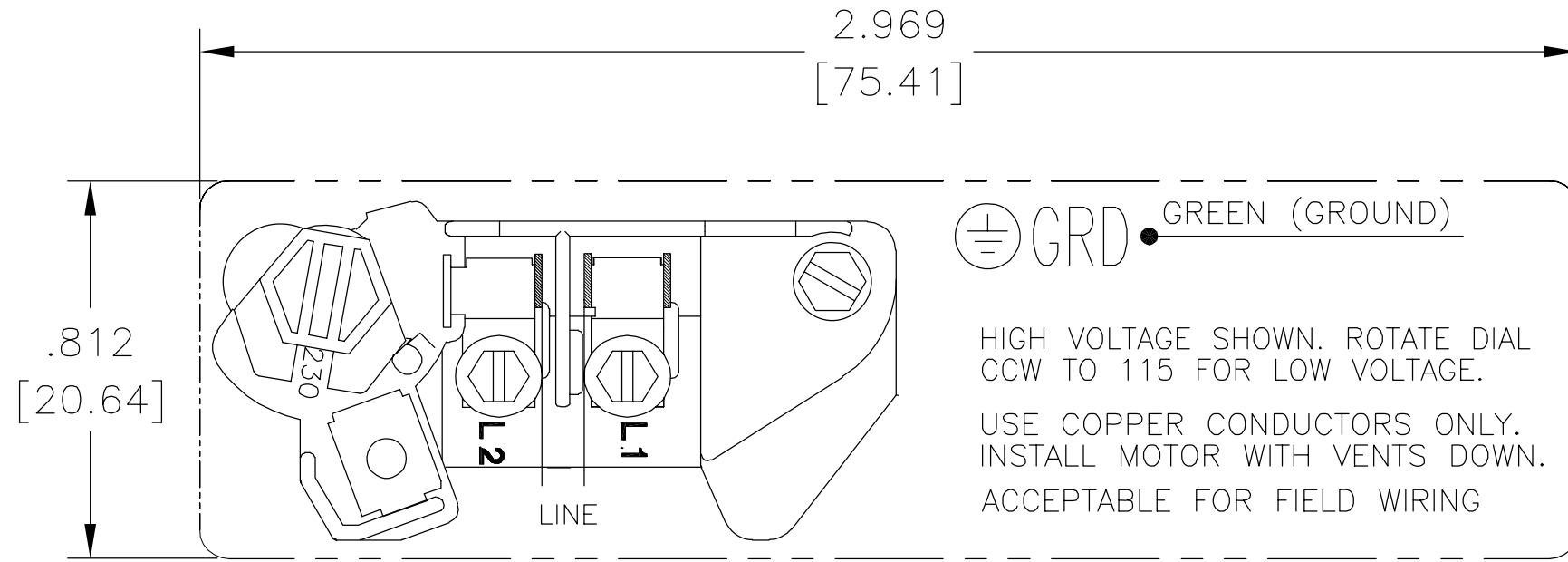
- NOTES**
1. FINISH PAINT TO BE SATIN BLACK.
 2. .44 [11.2] WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER.
 3. STAINLESS STEEL SHAFT EXT.
 4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001.
 5. CONNECTED FOR 230 VOLTS. QUICK VOLTAGE CHANGE DIAL INCLUDED ON THE TERMINAL BOARD.



PERFORMANCE CURVE		APPROVED SAMPLE	
C48H2W46		CSA	
UL COMPONENT		FILE#	GUIDE#
E25022	XEWR2	LR43341	4211-01
CUSTOMER	DISTRIBUTION SERVICES		

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	Regal Beloit America, Inc.
F	D.SURYAWANSHI	10/05/2021	DEC. INCH mm ANGLE	JLG	
ECO	APPROVED BY	DATE	.X ±0.1 [±2.5] ±0.5°	DATE:	05-12-2009
ECR-0212839			.XX ±0.02 [±0.51]	APPROVED BY:	
ECO DESCRIPTION			.XXX ±0.005 [±0.127]	DATE:	
SEE ECO			XXXX ±0.0005 [±0.0127]	REFERENCE	MATERIAL
			REMOVE BURRS & BREAK SHARP EDGES .003/015 [0.076/381]	THIRD ANGLE PROJECTION	DESCRIPTION
			CORNER FILLETS .02 [51]		MODEL-PFHP-48FR
			MACHINED SURFACES 12/ mm 3/2		OUTLINE
			mm SHOWN IN [BRACKETS]		PROCESS/FINISH
				SIZE DWG NO	USQ1052
				SHEET	1

REV	ECO	REV BY	DATE	APPD	DATE
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



DUAL VOLTAGE

NOTE:

1. FOR USE WITH 616231 NAME PLATE BLANK.
2. — — — — INDICATES DIMENSIONAL LIMITS.
3. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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	±.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
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CORNER FILLETS TO:

INCH	.020	mm	0.5
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MACHINE SURFACES:

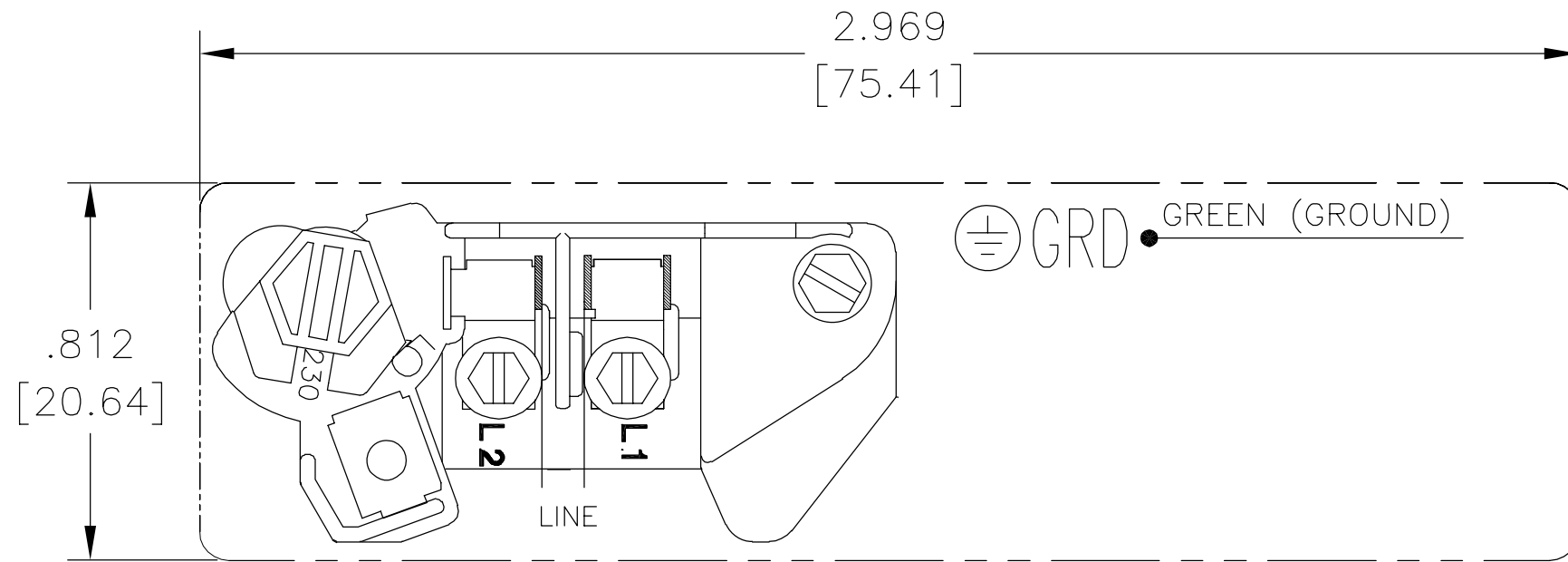
INCH	125	mm	3.2
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METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	Daniel Muñoz	04-13-2009
APPD:		
THIRD ANGLE PROJECTION		EDS DATE 02-22-2009 FORMAT REV F
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		ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPTION			
CONNECTION DIAGRAM EXTERNAL			
SIZE	A	DWG NO	627103-006
SCALE	NONE		SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



VOLTAJE DOBLE

NOTAS:

1. PARA USARSE CON LA PLACA DE DATOS EN BLANCO 616231.
2. — — — — — INDICA LIMITES DIMENSIONALES.
3. EL DADO DEBE PRODUCIR UNA IMPRESION LEGIBLE.

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.

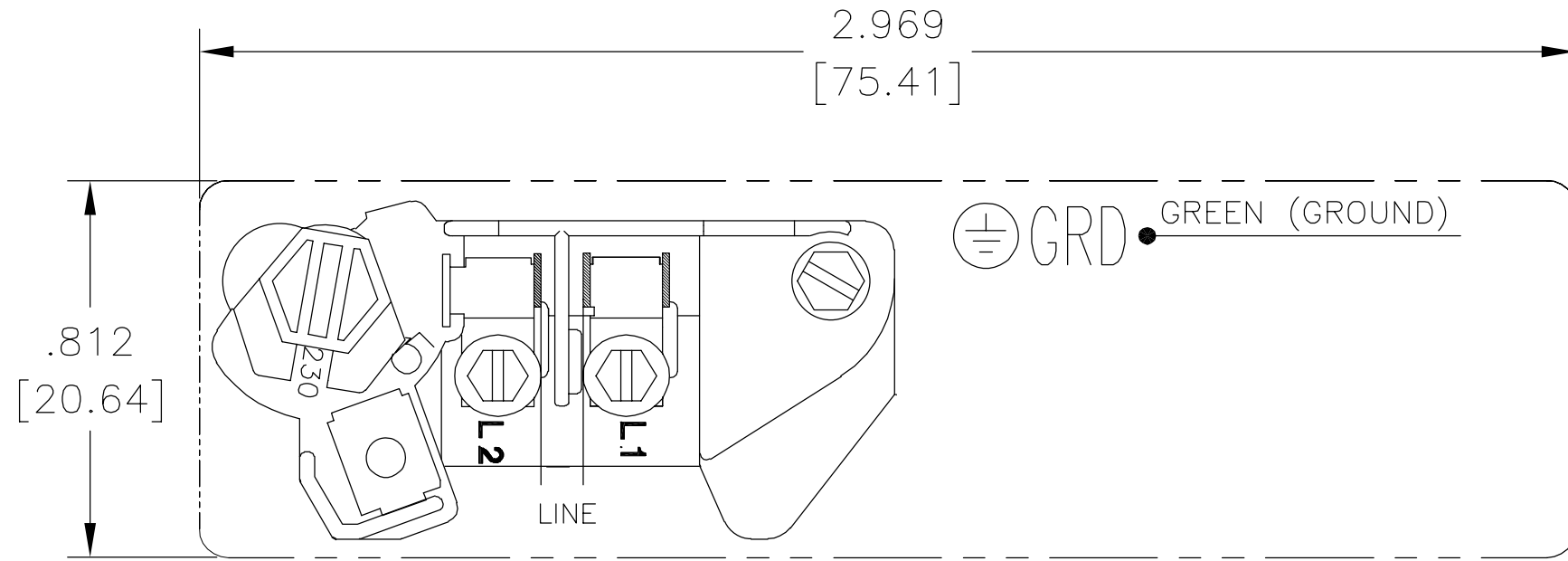
PULG .003-.015 mm 0.1-0.4
FILETEAR ESQUINA: PULG .020 mm 0.5
MAQUINAR SUPERFICIES
PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: Daniel Muñoz	04-13-2009
APROBADO POR:	
TERCER ANGULO DE PROYECCION	⊕
FECHA EDS: 02-22-2009	REV. FORMATO: F
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DESCRIPCION: CONNECTION DIAGRAM EXTERNAL	
TAMAÑO: A	NUMERO DE DIBUJO: 627103-006
ESCALA:NONE	HOJA: 1

版本	ECO	编制	日期	批准	日期
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



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 ±0.1 ±0.02 ±.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:	Daniel Muñoz	04-13-2009
批准:		
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比例	NONE	页号	1