

PRODUCT INFORMATION PACKET

Model No: US1016NB

Catalog No: US1016NB

Unit Heater Motor, 1/6 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 1 Speed, 48 Frame, ENCLOSED



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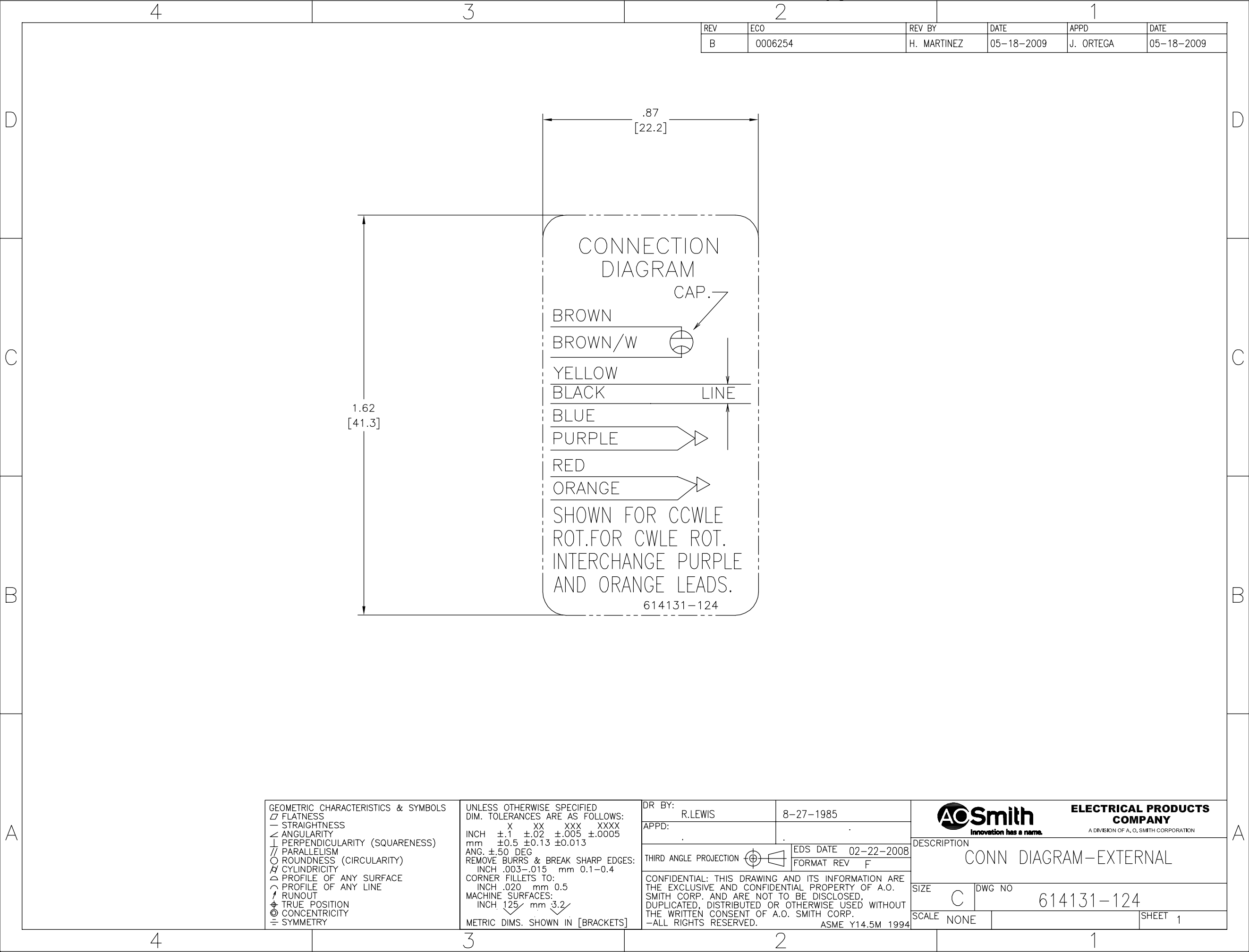
Nameplate Specifications

Output HP	1/6 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	2.8 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

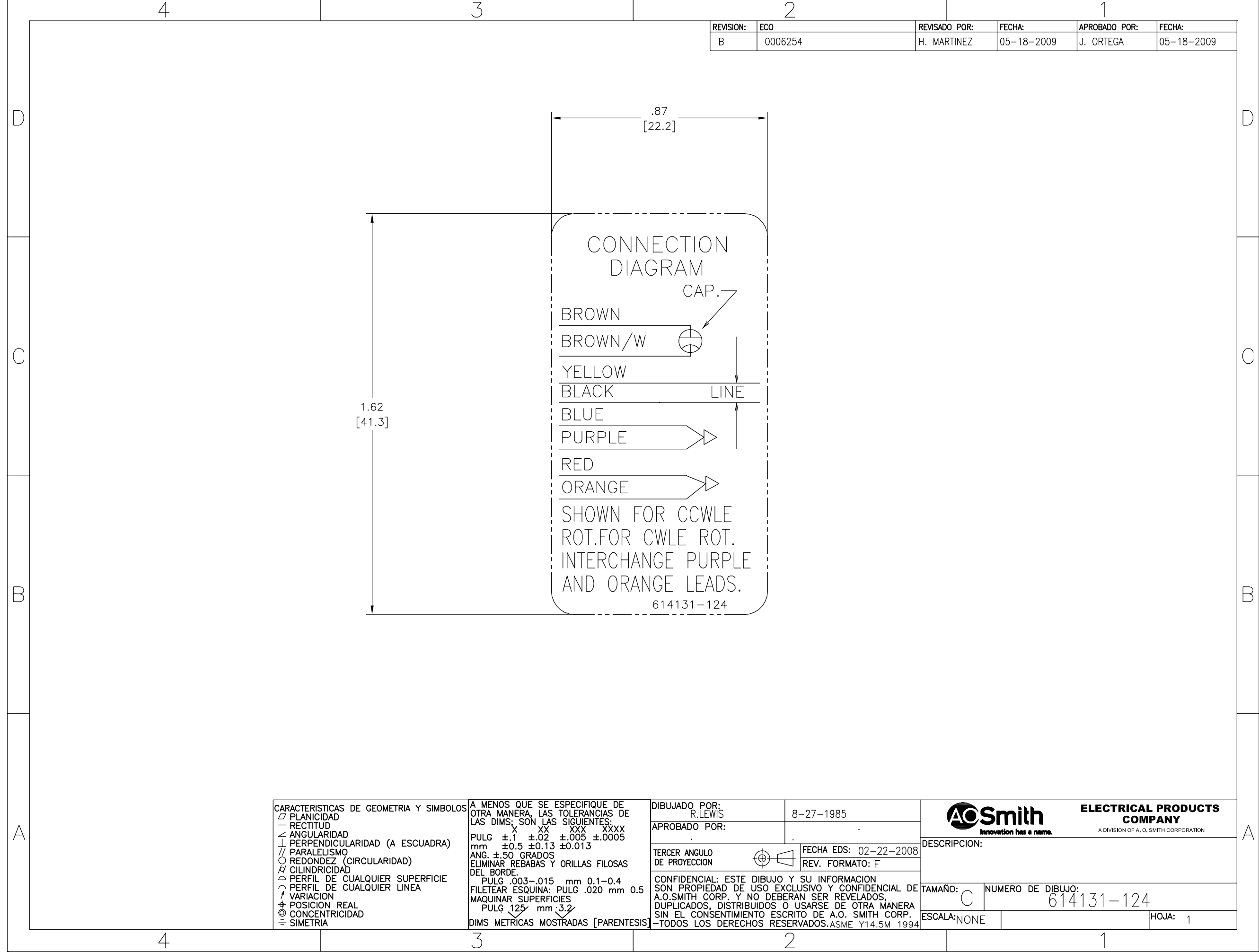
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	7.85 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	3.0 in
Connection Drawing	614131-124	Outline Drawing	US1016NB-S01

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REV	ECO	REV BY	DATE	APPD	DATE
B	0006254	H. MARTINEZ	05-18-2009	J. ORTEGA	05-18-2009

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: R.LEWIS	8-27-1985	ACSmith Innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION		
		APPD:			DESCRIPTION CONN DIAGRAM-EXTERNAL	
		THIRD ANGLE PROJECTION		EDS DATE 02-22-2008 FORMAT REV F	SIZE C DWG NO 614131-124	
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED. ASME Y14.5M 1994			SCALE NONE	
					SHEET 1	



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS			
□	PLANICIDAD	⊥	PERPENDICULARIDAD (A ESCUADRA)
—	RECTITUD	//	PARALELISMO
∠	ANGULARIDAD	○	REDONDEZ (CIRCULARIDAD)
⊥	PERPENDICULARIDAD (A ESCUADRA)	⊘	CILINDRICIDAD
//	PARALELISMO	△	PERFIL DE CUALQUIER SUPERFICIE
○	REDONDEZ (CIRCULARIDAD)	∧	PERFIL DE CUALQUIER LINEA
⊘	CILINDRICIDAD	↑	VARIACION
△	PERFIL DE CUALQUIER SUPERFICIE	⊕	POSICION REAL
∧	PERFIL DE CUALQUIER LINEA	◎	CONCENTRICIDAD
↑	VARIACION	≡	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:	R.LEWIS	8-27-1985
APROBADO POR:		
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 02-22-2008
		REV. FORMATO: F
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DESCRIPCION:			
TAMAÑO: C		NUMERO DE DIBUJO: 614131-124	
ESCALA: NONE		HOJA: 1	

