

PRODUCT INFORMATION PACKET



Model No: K107
Catalog No: K107

General Purpose Motor, 2.0 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, P145TC Frame, TEFC



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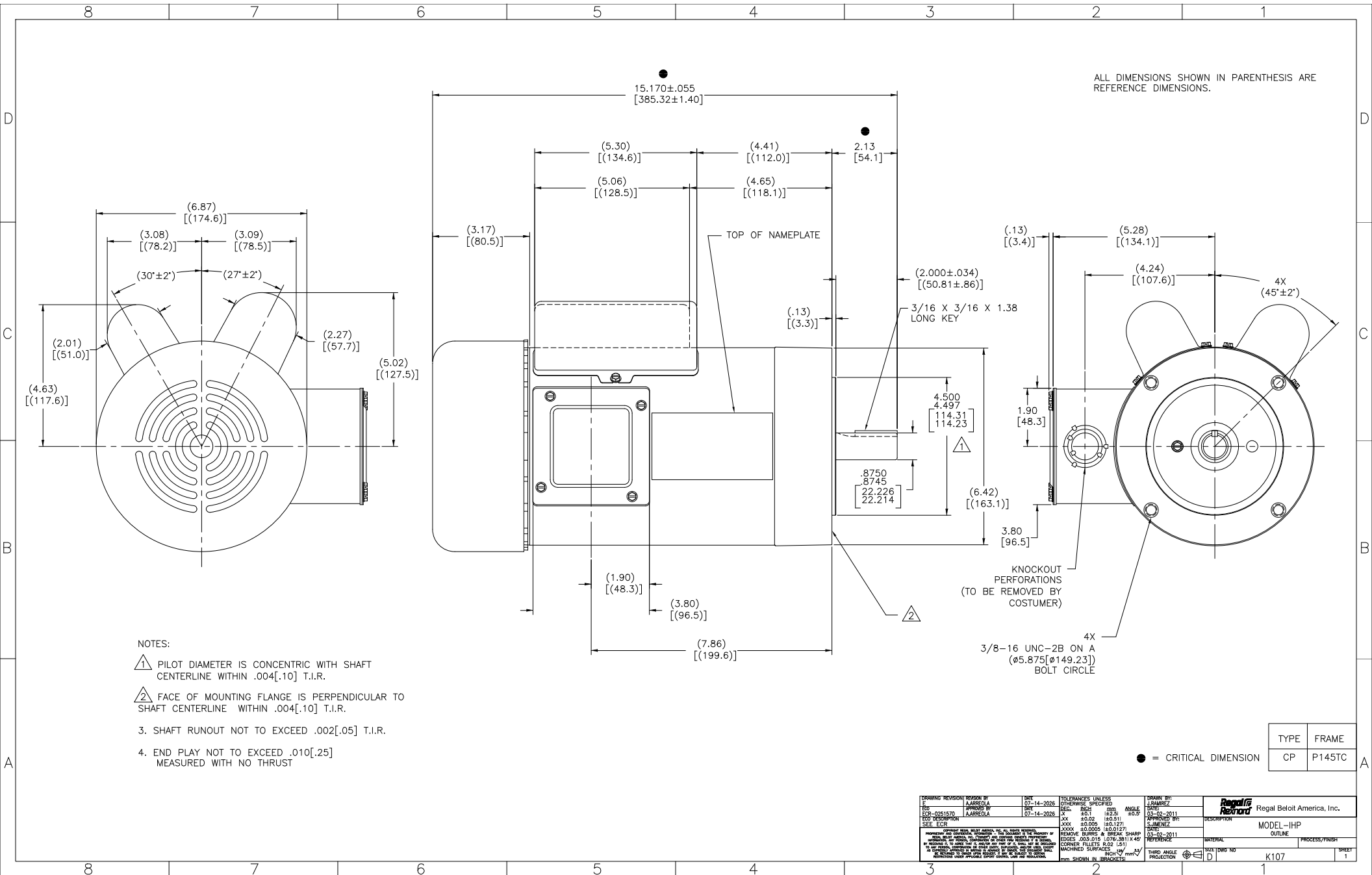
Nameplate Specifications

Phase	1	Output HP	2.0 Hp
Output KW	1.5 kW	Voltage	115/208-230 V
Speed	1745 rpm	Service Factor	1
Frame	P145TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	17.8/9.6-8.9 A
Duty	Continuous	Insulation Class	F
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

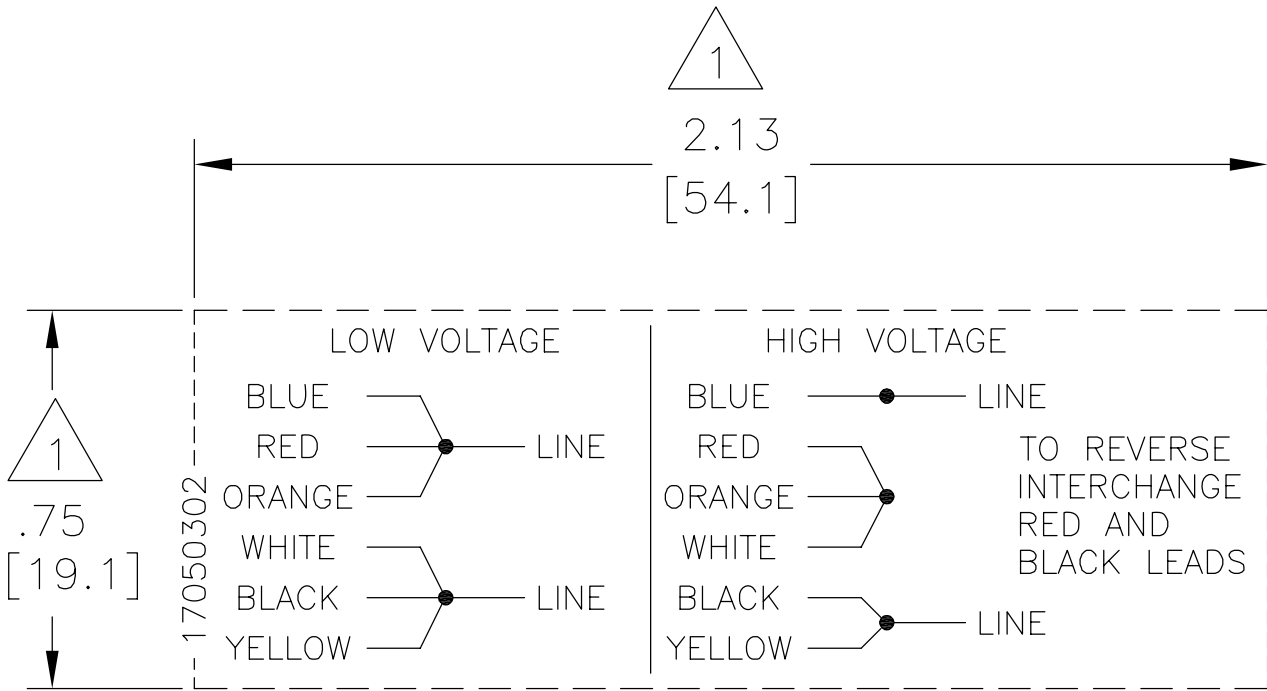
Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	15.17 in
Frame Length	8.00 in	Shaft Diameter	0.875 in
Shaft Extension	2.13 in		
Connection Drawing	17050302.PCX	Outline Drawing	K107-S01

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REV	ECO	REV BY	DATE	APPD	DATE
Y	ECO-0022098	J. COX	04-24-2012	C. McREYNOLDS	04-24-2012



NOTES:

1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN. THIS AREA DOES NOT INCLUDE THE BORDER AROUND THE CONNECTION DIAGRAM. SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
2. DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.
3. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.

GEOMETRIC CHARACTERISTICS & SYMBOLS
— FLATNESS
— STRAIGHTNESS
— ANGULARITY
— PERPENDICULARITY (SQUARENESS)
// PARALLELISM
O 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 .5 .13 .013 .005
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]

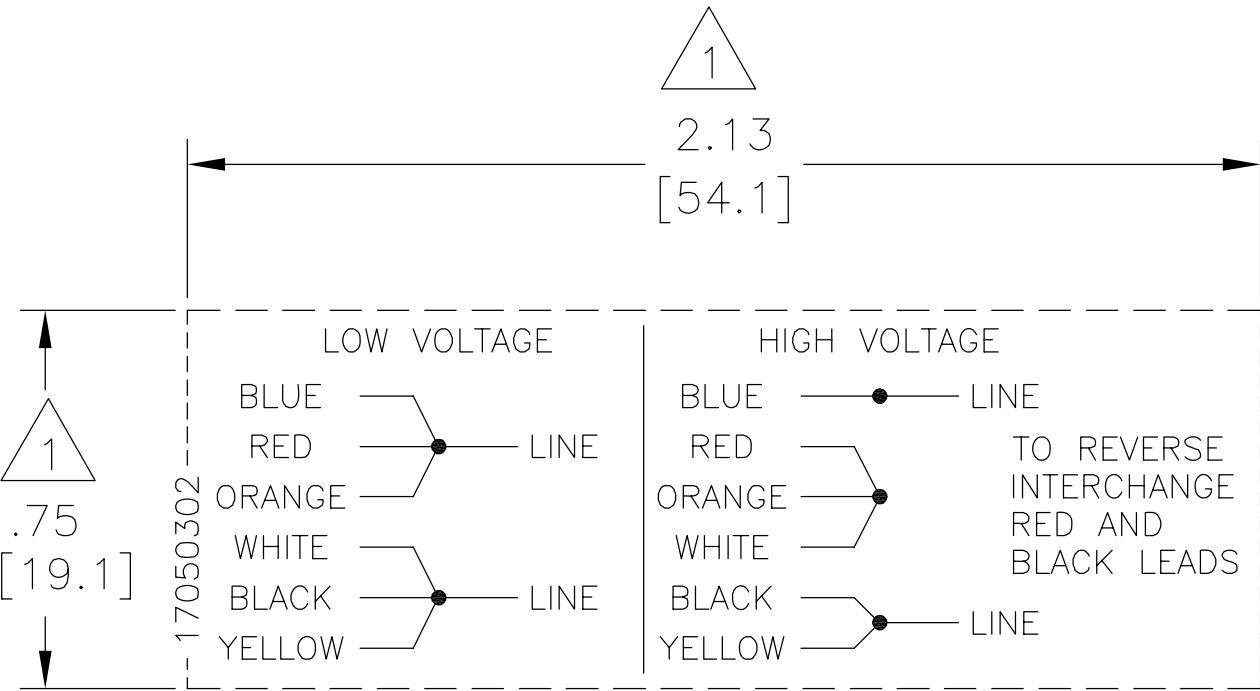
DR BY:	MLC	03-04-1985
APPD:	MLC	03-13-1985
THIRD ANGLE PROJECTION	⊕	EDS DATE 11-11-2011 FORMAT REV G
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REGAL-BELOIT CORPORATION

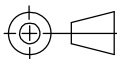
DESCRIPTION CONN DIAGRAM-NAMEPLATE		
SIZE A	DWG NO 17050302	
SCALE NONE		SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
Y	ECO-0022098	J. COX	04-24-2012	C. McREYNOLDS	04-24-2012

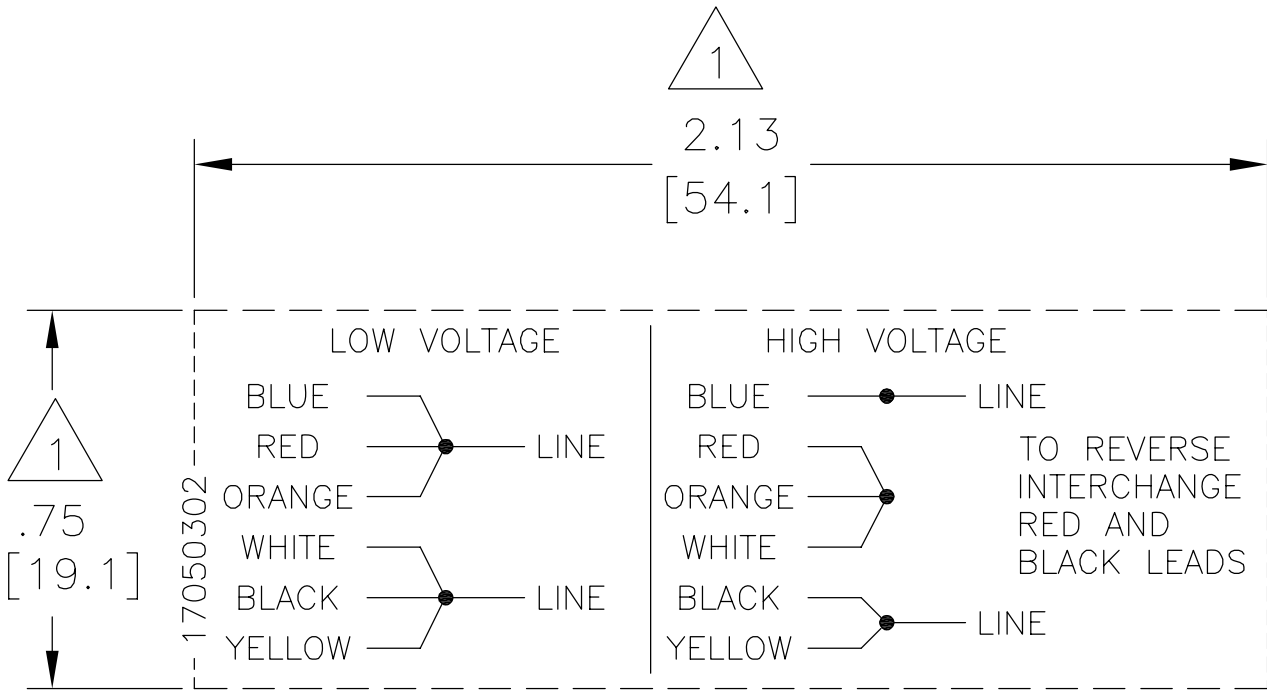


NOTAS:

- LA CAJA PUNTEADA REPRESENTA EL AREA TOTAL IMPRESA PERMITIDA PARA EL DIAGRAMA DE CONEXION PARA QUE ENCAJE EN ESTA AREA NO INCLUYE EL BORDE AL REDEDOR DEL DIAGRAMA DE CONEXION. VER DIBUJO DE PLACA DE DATOS 170500 O 170501 PARA UBICACION.
- LOS DETALLES NO DEBEN SER COPIADOS DEL DIBUJO, PERO VA A SER REPRODUCIDA DEL TRABAJO ORIGINAL SUMINISTRADO.
- LOS CARACTERES SON DE UN MINIMO DE .03[.8] A .06[1.5] EN ALTURA MAXIMA.

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 ◎ CONCENRICIDAD ≡ SIMETRIA ASME Y14.5M 1994	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: MLC	03-04-1985	 REGAL-BELOIT CORPORATION		
		APROBADO POR: MLC	03-13-1985			
		TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011	DESCRIPCION: CONN DIAGRAM-NAMEPLATE	
				REV. FORMATO: G		
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION Y NO DEBERAN SER REVELADOS, Duplicados, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION.-TODOS LOS DERECHOS RESERVADOS.		TAMAÑO: A		NUMERO DE DIBUJO: 17050302
		ESCALA: NONE	HOJA: 1			

版本	ECO	编制	日期	批准	日期
Y	ECO-0022098	J. COX	04-24-2012	C. McREYNOLDS	04-24-2012



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:

	X	XX	XXX	XXXX
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:	MLC	03-04-1985
批准:	MLC	03-13-1985
第三角投影		图纸格式发布日期 11-11-2011 图纸格式版本 G
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名称 CONN DIAGRAM-NAMEPLATE		
图幅 A	图号 17050302	
比例 NONE		页号 1