

PRODUCT INFORMATION PACKET



Model No: USQG1072A

Catalog No: USQG1072A

Guardian® Motors Pool Pump Motor, 3/4 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 48Y Frame, ODP



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Nameplate Specifications

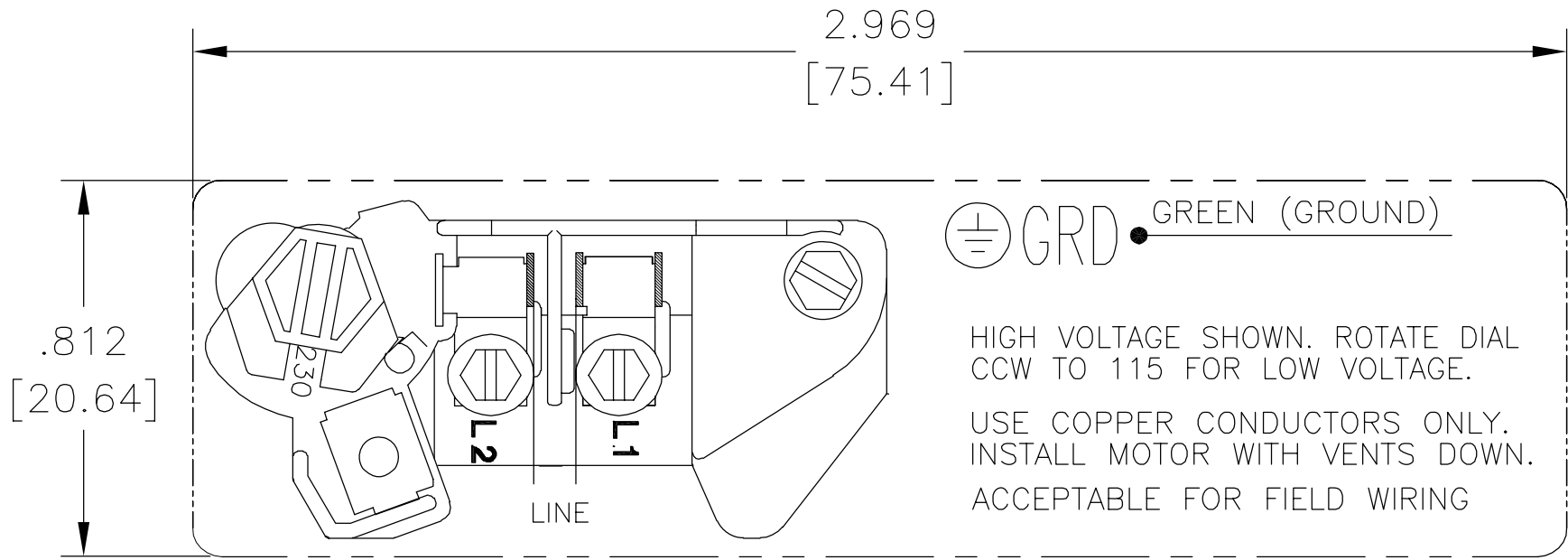
Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/115 V
Current	5.9/11.8 A	Speed	3450 rpm
Service Factor	1.27	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48Y	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Cap Start Motor	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 Threaded	Overall Length	12.19 in
Frame Length	8.31 in	Shaft Diameter	0.625 in
Shaft Extension	0.906 in		
Outline Drawing	USQG1072A-S01	Connection Drawing	627103-006

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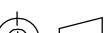
REV	ECO	REV BY	DATE	APPD	DATE
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



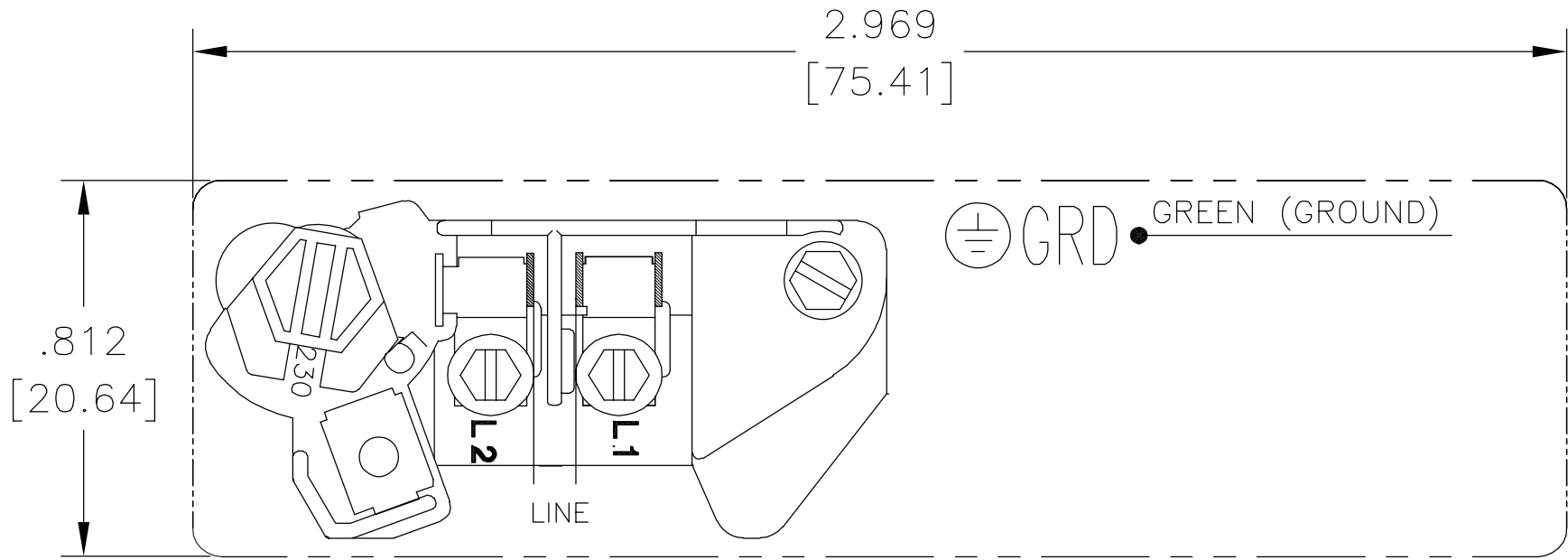
DUAL VOLTAGE

NOTE:

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

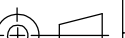
GEOMETRIC CHARACTERISTICS & SYMBOLS ∇ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⌀ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX ±.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: Daniel Muñoz	04–13–2009	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
		APPD:			DESCRIPTION CONNECTION DIAGRAM EXTERNAL
		THIRD ANGLE PROJECTION 	EDS DATE 02–22–2009 FORMAT REV F	SIZE A	DWG NO 627103–006
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009

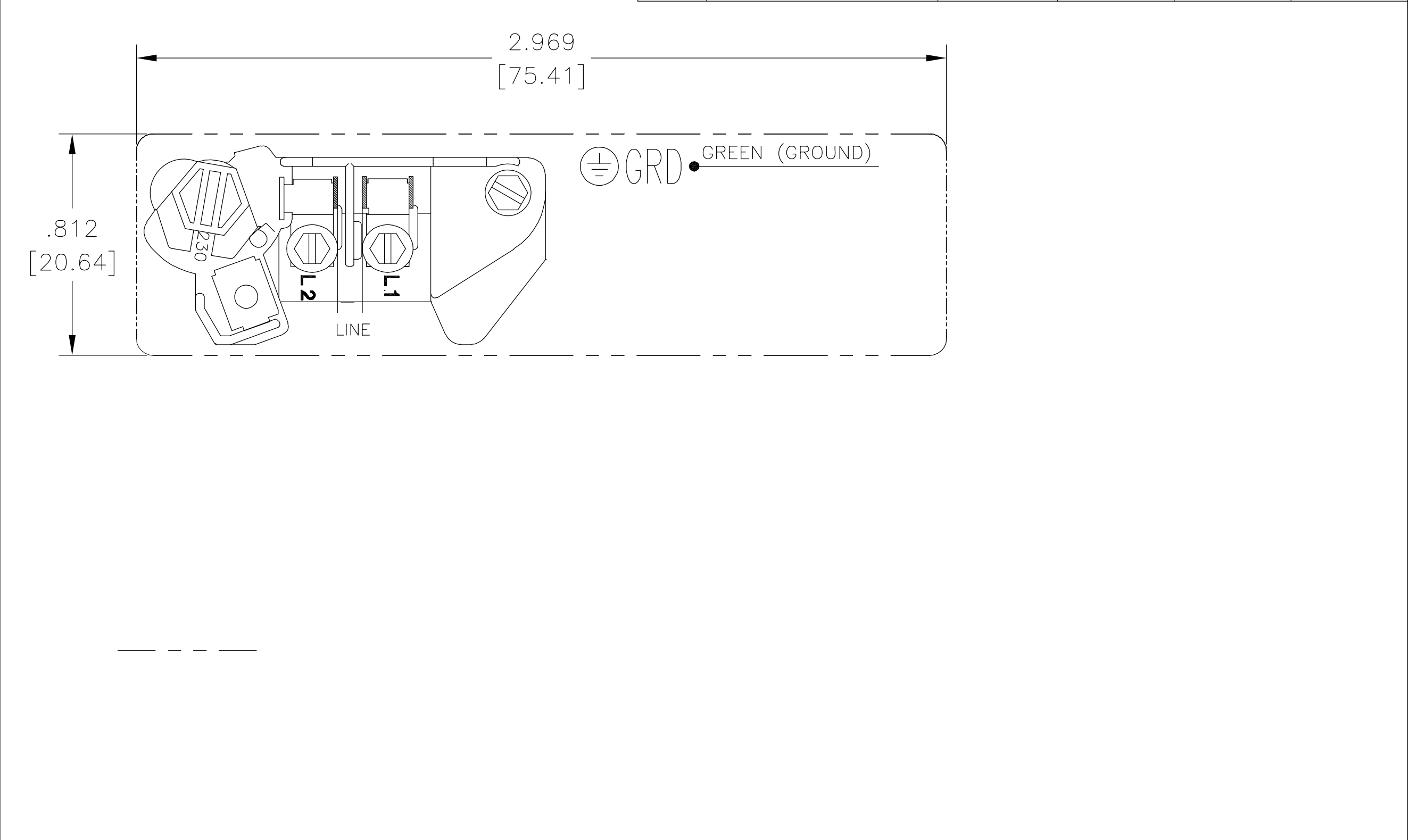


VOLTAJE DOBLE

- 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 ◎ CONCENRICIDAD = 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		ELECTRICAL PRODUCTS COMPANY innovation has a name. A DIVISION OF A. O. SMITH CORPORATION		
		APROBADO POR:				DESCRIPCION: CONNECTION DIAGRAM EXTERNAL		
		TERCER ANGULO DE PROYECCION 		FECHA EDS: 02-22-2009 REV. FORMATO: F		TAMAÑO: A	NUMERO DE DIBUJO: 627103-006	
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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 ⌒ 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:	绘图:	Daniel Muñoz	04-13-2009	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION			
	英寸 X XX XXX XXXX ±.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[]	批准:				名称		
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				图纸格式版本 F				
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